

References

1. Anderson, John D., Jr. 1991. *Fundamentals of Aerodynamics*, 2nd ed. New York: McGraw-Hill.
2. Rouse, Hunter, and Ince, Simon. 1957. *History of Hydraulics*. Iowa City: Iowa Institute of Hydraulic Research.
3. Clagett, Marshall. 1978. *Archimedes in the Middle Ages. Vol. 3: The Fate of the Medieval Archimedes, 1300 to 1565*. Philadelphia: American Philosophical Society.
4. Hart, Ivor B. 1961. *The World of Leonardo da Vinci*. London: MacDonald.
5. Giacomelli, R. 1930. The Aerodynamics of Leonardo da Vinci. *Journal of the Royal Aeronautical Society* 34(240):1016–38.
6. Gibbs-Smith, C. H. 1962. *Sir George Cayley's Aeronautics, 1796–1855*. London: HMSO.
7. Mach, Ernst. 1942. *The Science of Mechanics* (trans. T. J. McCormack). London: Open Court Publishing. (Originally published 1893.)
8. Tokaty, G. A. 1971. *A History and Philosophy of Fluid Mechanics*. Henley-on-Thames: G. T. Foulis & Co.
9. Mahoney, Michael S. 1974. Edme Mariotte. In *Dictionary of Scientific Biography*, vol. 9, ed. C. C. Gillispie, pp. 114–22. New York: Scribner.
10. Giacomelli, R., and Pistolesi, E. 1934. Historical Sketch. In *Aerodynamic Theory*, vol. 1, ed. W. F. Durand. Berlin: Springer.
11. Bos, H. J. M. 1972. Christiaan Huygens. In *Dictionary of Scientific Biography*, vol. 6, ed. C. C. Gillispie, pp. 597–613. New York: Scribner.
12. Newton, Isaac. 1947. *Mathematical Principles of Natural Philosophy* (rev. trans. Florian Cajori). Berkeley: University of California Press.
13. Mason, Stephen F. 1962. *A History of the Sciences*. New York: Macmillan.
14. Bernoulli, Daniel. 1968. *Hydrodynamics* (trans. Thomas Carmody and Helmut Kobus). New York: Dover.
15. Salas, M. D. 1988. Leonhard Euler and His Contributions to Fluid Mechanics. American Institute of Aeronautics and Astronautics, AIAA paper 88-3566-CP.
16. Gillispie, Charles Coulston. 1978. Laplace. In *Dictionary of Scientific Biography*, vol. 15, suppl. 1, ed. C. C. Gillispie, pp. 273–303. New York: Scribner.
17. Anderson, John D., Jr. 1989. *Introduction to Flight*, 3rd ed. New York: McGraw-Hill.
18. Airey, John. 1913. Notes on the Pitot Tube. *Engineering News* 69(16):783.
19. Mayr, Otto. 1975. Henri Pitot. In *Dictionary of Scientific Biography*, vol. 11, ed. C. C. Gillispie, pp. 4–5. New York: Scribner.
20. Pritchard, J. L. 1957. The Dawn of Aerodynamics. *Journal of the Royal Aeronautical Society* 61:149–80.
21. Gillmor, C. S. 1970. Jean-Charles Borda. In *Dictionary of Scientific Biography*, vol. 2, ed. C. C. Gillispie, pp. 299–300. New York: Scribner.
22. Anderson, John D., Jr. 1987. Sir George Cayley. In *Great Lives from History: British and Commonwealth Series*. Englewood Cliffs, NJ: Salem Press.

23. Pritchard, J. Lawrence. 1961. *Sir George Cayley: The Inventor of the Aeroplane*. London: Max Parrish & Co.
24. Jakab, Peter L. 1990. *Visions of a Flying Machine*. Washington, DC: Smithsonian Institution Press.
25. Gibbs-Smith, Charles H. 1970. *Aviation, An Historical Survey*. London: HMSO.
26. Navier, L. M. H. 1822. Mémoire sur les lois du mouvement des fluides. *Mémoires de l'Académie Royale des Sciences* 6:389.
27. Saint-Venant, B. 1843. Note à joindre au mémoire sur la dynamique des fluids. *Comptes Rendus des Seances de l'Académie des Sciences* 17:1240.
28. Stokes, G. G. 1845. On the Theories of the Internal Friction of Fluids in Motion, and of the Equilibrium and Motion of Elastic Solids. *Transactions of the Cambridge Philosophical Society* 8:287.
29. Cauchy, A. L. 1827. Mémoire sur la theorie des ondes. *Mémoires de l'Académie Royale des Sciences* 11.
30. Helmholtz, Hermann L. 1858. On the Integrals of the Hydrodynamical Equations Corresponding to Vortex Motions. *Crelles Journal für die reine und angewandte Mathematik* 60:23–55.
31. Helmholtz, Hermann L. 1868. On the Discontinuous Motions of a Fluid. *Monatsberichte d. Kon. Akademie der Wissenschaften zu Berlin*, pp. 215–28.
32. Randers-Pehrson, N. H. 1935. Pioneer Wind Tunnels. *Smithsonian Miscellaneous Collections* 93(4).
33. Marey, Etienne. 1900. *Comptes Rendus des Séances de l'Académie des Sciences* 131:160–3.
34. Kirchhoff, G. R. 1869. Zur Theorie freier Flüssigkeitsstrahlen. *Crelles Journal Für die reine und angewandte Mathematik* 70:289.
35. Strutt, J. W. (Lord Rayleigh). 1876. On the Resistance of Fluids. *Philosophical Magazine*, ser. 5 2:430–41.
36. Vincenti, Walter G. 1990. *What Engineers Know and How They Know It*. Baltimore: Johns Hopkins University Press.
37. Hoerner, S. F., and Borst, H. V. 1975. *Fluid-Dynamic Lift*. Brick Town, NJ: published by authors.
38. Hoerner, S. F. 1958. *Fluid-Dynamic Drag*. Brick Town, NJ: published by author.
39. Hagen, G. H. L. 1839. Ueber die Bewegung des Wassers in engen cylindrischen Röhren. *Poggendorfs Annalen der Physik und Chemie* 16.
40. Hagen, G. H. L. 1855. Ueber den Einfluss der Temperatur auf die Bewegung des Wasser in Röhren. *Mathematisch Abhandlungen der Akademie der Wissenschaften zu Berlin*.
41. Reynolds, Osborne. 1883. An Experimental Investigation of the Circumstances which Determine whether the Motion of Water in Parallel Channels Shall be Direct or Sinuous, and of the Law of Resistance in Parallel Channels. *Philosophical Transactions of the Royal Society* 174.
42. Reynolds, Osborne. 1894. On the Dynamical Theory of Incompressible Fluids and the Determination of the Criterion. *Philosophical Transactions of the Royal Society* 186.
43. Reynolds, Osborne. 1874–5. On the Extent and Action of the Heating of Steam Boilers. *Proceedings of the Manchester Literary and Philosophical Society* 14:8.
44. Pritchard, J. Laurence. 1958. Francis Herbert Wenham, Honorary Member, 1824–1908; An Appreciation of the First Lecturer to the Aeronautical Society. *Journal of the Royal Aeronautical Society* 62:571–96.
45. Chanute, Octave. 1976. *Progress in Flying Machines*. Long Beach, CA: Lorenz & Herweg. (Originally published 1894.)

46. Lilienthal, Otto. 1889. *Der Vogelflug als Grundlage der Fliegekunst*. Berlin: R. Gaertners Verlagsbuchhandlung. (Translated by I. W. Isenthal and published in 1911 as *Birdflight as the Basis of Aviation*, London: Longmans, Green.)
47. Moedebeck, Hermann W. L. 1895. *Taschenbuch zum praktischen Gebrauch für Flugtechniker und Liftschiffer*. Berlin: Verlag von W. H. Kuhl.
48. Schwipps, Werner. 1979. *Lilienthal; Die Biographie des ersten Fliegers*. Grafelling, Germany: Aviatic Verlag. (English translation available in the library of the National Air and Space Museum, Smithsonian Institution.)
49. Langley, S. P. 1891. *Experiments in Aerodynamics*. Smithsonian Contributions to Knowledge no. 801. Washington, DC: Smithsonian Institution.
50. Langley, S. P., and Manly, C. M. 1911. *Langley Memoir on Mechanical Flight*. Smithsonian Contributions to Knowledge, vol. 27, no. 3. Washington, DC: Smithsonian Institution.
51. Crouch, Tom D. 1981. *A Dream of Wings*. New York: Norton.
52. Biddle, Wayne. 1991. *Barons of the Sky*. New York: Simon & Schuster.
53. Crouch, Tom. 1989. *The Bishop's Boys*. New York: Norton.
54. Lamb, H. 1924. *Hydrodynamics*, 5th ed. Cambridge University Press.
55. McFarland, Marvin W. (ed.) 1953. *The Papers of Wilbur and Orville Wright*. New York: McGraw-Hill.
56. Wright, Wilbur. 1901. Some Aeronautical Experiments. *Journal of the Western Society of Engineers* 6:489–510.
57. Culick, F. E. C., and Jex, H. R. 1987. Aerodynamics, Stability, and Control of the 1903 Wright Flyer. In *The Wright Flyer: An Engineering Perspective*, ed. Howard Wolko. Washington, DC: Smithsonian Institution.
58. Jacobs, Eastman N., Ward, Kenneth E., and Pinkerton, Robert. 1933. *The Characteristics of 78 Related Airfoil Sections from Tests in the Variable-Density Wind Tunnel*. NACA TR 460.
59. Lanchester, F. W. 1926. Sustentation in Flight. *Journal of the Royal Aeronautical Society* 30:587–606.
60. Lanchester, F. W. 1907. *Aerodynamics*. London: A. Constable & Co.
61. Prandtl, L. 1905. Ueber Flüssigkeitsbewegung bei sehr kleiner Reibung. In *Proceedings of the 3rd International Mathematical Congress, Heidelberg, 1904*. Leipzig.
62. Goldstein, Sydney. 1969. Fluid Mechanics in the First Half of This Century. In *Annual Review of Fluid Mechanics*, vol. 1, ed. W. R. Sears and M. Van Dyke, pp. 1–28. Palo Alto, CA: Annual Reviews, Inc.
63. Blasius, H. 1908. Boundary Layers in Fluids with Small Friction. *Zeitschrift für Mathematik und Physik* 56:1.
64. Schlichting, Hermann. 1979. *Boundary-Layer Theory*, 7th ed. New York: McGraw-Hill.
65. Oswatitsch, Klaus, and Wieghardt, K. 1987. Ludwig Prandtl and His Kaiser-Wilhelm-Institut. In *Annual Review of Fluid Mechanics*, vol. 19, ed. J. L. Lumley, M. Van Dyke, and H. L. Reed, pp. 1–25. Palo Alto, CA: Annual Reviews Inc.
66. Flügge-Lotz, Irmgard, and Flügge, Wilhelm. 1973. Ludwig Prandtl in the Nineteen-Thirties: Reminiscences. In *Annual Review of Fluid Mechanics*, vol. 5, ed. M. Van Dyke, W. G. Vincenti, and J. V. Wehausen, pp. 1–8. Palo Alto, CA: Annual Reviews, Inc.
67. von Kármán, Theodore (with Lee Edson). 1967. *The Wind and Beyond*. Boston: Little, Brown.
68. von Kármán, Theodore. 1954. *Aerodynamics*. Ithaca, NY: Cornell University Press.
69. Loftin, Laurence K. 1985. *Quest for Performance: The Evolution of Modern Aircraft*. NASA SP-468. Washington, DC: National Aeronautics and Space Administration.
70. Eiffel, Gustave. 1907. *Recherches expérimentales sur la résistance de l'air exécutées à la tour*. Paris: Maretheux.

71. Eiffel, Gustave. 1910. *The Resistance of the Air and Aviation: Experiments Conducted at the Champ-de-Mars Laboratory*. Paris: Dunot & Pinat. (English trans., Jerome C. Hunsaker, Houghton Mifflin, Boston, 1913.)
72. Black, Joseph. 1990. Gustave Eiffel – Pioneer of Experimental Aerodynamics. *Aeronautical Journal* 94:231–44.
73. Rotta, Julius C. 1990. *Die aerodynamische Versuchsanstalt in Göttingen, ein Werk Ludwig Prandtls*, Göttingen: Vandenhoeck & Ruprecht.
74. Prandtl, Ludwig. 1913. Flüssigkeitsbewegung. In *Handwörterbuch der Naturwissenschaften*. Jena: Verlag von Gustav Fischer.
75. Prandtl, Ludwig. 1927. The Generation of Vortices in Fluids of Small Viscosity. *Journal of the Royal Aeronautical Society* 31:720–41.
76. Betz, A. 1914. Untersuchungen von Tragflächen mit Verwundenen und nach Rückwärts gerichteten Enden. *Zeitschrift für Flugtechnik und Motorluftschiffahrt* 16–17.
77. Prandtl, Ludwig. 1918. *Tragflächentheorie. I*. Mitteilung, Nachrichten der K. Gesellschaft der Wissenschaften zu Göttingen, Math-phys. Klasse.
78. Prandtl, Ludwig. 1919. *Tragflächentheorie. II*. Mitteilung, Nachrichten der K. Gesellschaft der Wissenschaften zu Göttingen, Math-phys. Klasse.
79. Prandtl, Ludwig. 1921. *Applications of Modern Hydrodynamics to Aeronautics*. NACA technical report 116.
80. Glauert, Hermann. 1926. *The Elements of Aerofoil and Airscrew Theory*. Cambridge University Press.
81. Houghton, E. L., and Carruthers, N. B. 1982. *Aerodynamics for Engineering Students*, 3rd ed. London: Edward Arnold.
82. Betz, A. 1913. Auftrieb und Widerstand eines Doppeldeckers. *Zeitschrift für Flugtechnik und Motorluftschiffahrt* 1.
83. Theodorsen, Theodore. 1931. *Theory of Wing Sections of Arbitrary Shape*. NACA report 411.
84. Hansen, James R. 1987. *Engineer in Charge*. NASA SP-4305.
85. Munk, Max. 1922. *General Theory of Thin Wing Sections*. NACA report 142.
86. Glauert, H. 1925–4. Experimental Tests of the Vortex Theory of Aerofoils. In *Technical Report of the Aeronautical Research Committee. Vol. I. Reports and Memoranda*, no. 889. London: HMSO.
87. Fage, A., and Nixon, H. L. 1923–4. The Prediction on the Prandtl Theory of the Lift and Drag for Infinite Span from Measurements on Aerofoils on Finite Span. In *Technical Report of the Aeronautical Research Committee. Vol. I. Reports and Memoranda*, no. 903. London: HMSO.
88. Bairstow, Leonard. 1920. *Applied Aerodynamics*. London: Longmans, Green & Co.
89. Diehl, Walter S. 1928. *Engineering Aerodynamics*. New York: Ronald Press.
90. Millikan, Clark B. 1941. *Aerodynamics of the Airplane*. New York: Wiley.
91. Vander Meulen, Jacob. 1991. *The Politics of Aircraft*. Lawrence: University Press of Kansas.
92. Roseberry, C. R. 1972. *Glenn Curtiss: Pioneer of Flight*. New York: Doubleday.
93. Baals, Donald D., and Corliss, William R. 1981. *Wind Tunnels of NASA*. NASA SP-440. Washington, DC: National Aeronautics and Space Administration.
94. Hunsaker, Jerome C. 1956. *Forty Years of Aeronautical Research*. Smithsonian Institution publication 4247. Washington, DC: Smithsonian Institution Press.
95. Gorrell, Edgar S., and Martin, H. S. 1918. *Aerofoils and Aerofoil Structural Combinations*. NACA report 18.
96. Munk, Max M., and Miller, Elton W. 1925. *Model Tests with a Systematic Series of 27 Wing Sections at Full Reynolds Number*. NACA report 221.

97. Carter, C. C. 1929. *Simple Aerodynamics and the Airplane*. New York: Ronald Press.
98. Higgins, George J., Diehl, Walter S., and DeFoe, George L. 1927. *Tests on Models of Three British Airplanes in the Variable Density Wind Tunnel*. NACA report 279.
99. Breguet, Louis. 1922. Aerodynamical Efficiency and the Reduction of Air Transport Costs. *Aeronautical Journal* 26:307–13.
100. Jones, B. Melvill. 1929. The Streamline Airplane. *Aeronautical Journal* 33(221):358–85.
101. Miller, Ronald, and Sawers, David. 1970. *The Technical Development of Modern Aviation*. New York: Praeger.
102. Binnie, A. M. 1978. Some Notes on the Study of Fluid Mechanics in Cambridge, England. In *Annual Review of Fluid Mechanics*, vol. 10, ed. M. Van Dyke, J. V. Wehausen, and J. L. Lumley, pp. 1–10. Palo Alto, CA: Annual Reviews, Inc.
103. Weick, Fred E., and Hansen James R. 1988. *From the Ground Up: The Autobiography of an Aeronautical Engineer*. Washington, DC: Smithsonian Institution Press.
104. Weick, Fred E. 1929. *Drag and Cooling with Various Forms of Cowling for a "Whirlwind" Radial Air-Cooled Engine – I*. NACA TR 313.
105. Weick, Fred E. 1928. The New NACA Low Drag Cowling. *Aviation* 25:1556–7, 1586–90.
106. Townend, H. C. H. 1929. *Reduction of Drag of Radial Engines by the Attachment of Rings of Airfoil Section, Including Interference Experiments of an Allied Nature, with Some Further Applications*. R&M no. 1267. British A.R.C.
107. Wood, Donald H. 1932. *Tests of Nacelle-Propeller Combinations in Various Positions with Reference to Wings. II. Thick Wing–Various Radial-Engine Cowlings – Tractor Propeller*. NACA TR 436.
108. Wood, Donald H. 1932. *Tests of Nacelle-Propeller Combinations in Various Positions with Reference to Wings. I. Thick – NACA Cowled Nacelle – Tractor Propeller*. NACA TR 415.
109. Garrick, I. E. 1992. Sharing His Insights and Innovations. In *A Modern View of Theodore Theodorsen*, ed. E. H. Dowell, pp. 21–6. Washington, DC: American Institute of Aeronautics and Astronautics.
110. Theodorsen, Theodore. 1938. The Fundamental Principles of the NACA Cowling. *Journal of the Aeronautical Sciences* 5(3).
111. Theodorsen, Theodore, Brevoort, M. J., and Stickle, George W. 1937. *Full Scale Tests of N.A.C.A. Cowlings*. NACA TR 592.
112. Stickle, George. 1939. *Design of N.A.C.A. Cowlings for Radial Air-cooled Engines*. NACA TR 662.
113. Theodorsen, Theodore, and Garrick, I. E. 1933. *General Potential Theory of Arbitrary Wing Sections*. NACA TR 452.
114. Garrick, I. E. 1933. *Determination of the Theoretical Pressure Distribution for Twenty Airfoils*. NACA TR 465.
115. Jacobs, Eastman N., and Pinkerton, Robert M. 1935. *Tests in the Variable-Density Wind Tunnel of Related Airfoils Having the Maximum Camber Unusually Far Forward*. NACA TR 537.
116. Jacobs, Eastman N., Pinkerton, Robert M., and Greenberg, Harry. 1937. *Tests of Related Forward-Camber Airfoils in the Variable-Density Wind Tunnel*. NACA TR 610.
117. Jones, R. T. 1977. Recollections from an Earlier Period in American Aeronautics. In *Annual Review of Fluid Mechanics*, vol. 9, ed. M. Van Dyke, J. V. Wehausen, and J. L. Lumley, pp. 1–11. Palo Alto, CA: Annual Reviews, Inc.
118. Abbott, Ira H. 1980. Airfoils: Significance and Early Development. In *The Evolution of Aircraft Wing Design* (AIAA Symposium), pp. 21–48. Washington, DC: American Institute of Aeronautics and Astronautics.

119. Jones, B. Melvill. 1938. Flight Experiments on the Boundary Layer. *Journal of the Aeronautical Sciences* 5(3):81–101.
120. Farren, W. S. 1944. Research for Aeronautics – Its Planning and Applications. *Journal of the Aeronautical Sciences* 11(2):95–105.
121. van der Linden, F. Robert. 1991. *The Boeing 247: The First Modern Airliner*. Seattle: University of Washington Press.
122. Kindleburger, J. H. 1953. The Design of Military Aircraft. *Aeronautical Engineering Review* 12:44.
123. Minutes of a meeting of the Committee on Aerodynamics, October 12, 1943, p. 9, John Stack files, NASA Langley Research Center archives.
124. Stodola, A. B. 1905. *Steam Turbines*. Trans. L. C. Loewenstein. New York: Van Nostrand. (Originally published 1904 as *Die Dampfturbinen*. Berlin: Verlag von Julius Springer.)
125. Meyer, T. 1908. Ueber zweidimensionale Bewegungsvorgänge in einen Gas, Das mit Ueberschallgeschwindigkeit Strömt. Ph.D. dissertation, Göttingen University.
126. Bryan, G. H. 1918. *The Effect of Compressibility on Streamline Motions*. R&M no. 555, vol. 1. London: Advisory Committee for Aeronautics.
127. Bryan, G. H. 1919. *The Effect of Compressibility on Streamline Motions, Part II*. R&M no. 640. London: Advisory Committee for Aeronautics.
128. Caldwell, F. W., and Fales, F. M. 1920. *Wind Tunnel Studies in Aerodynamic Phenomena at High Speed*. NACA TR 83.
129. Douglas, G. P., and Wood, R. M. 1923. *The Effects of Tip Speed on Airscrew Performance. An Experimental Investigation of the Performance of an Airscrew Over a Range of Speeds of Revolution from “Model” Speeds up to Tip Speeds in Excess of the Velocity of Sound in Air*. R&M no. 884. London: Advisory Committee for Aeronautics.
130. Bensberg, H., and Cranz, C. 1910. Ueber eine photographische Methode zur Messung von Geschwindigkeiten und Geschwindigkeitsverlusten bei Infanteriegeschossen. *Artillerische Monatshefte (Berlin)*, no. 41.
131. Briggs, L. J., Hull, G. F., and Dryden, H. L. 1924. *Aerodynamic Characteristics of Airfoils at High Speeds*. NACA TR 207.
132. Liepmann, Hans W., and Puckett, Allen E. 1947. *Introduction to Aerodynamics of a Compressible Fluid*. New York: Wiley.
133. Briggs, L. J., and Dryden, H. L. 1926. *Pressure Distribution Over Airfoils at High Speeds*. NACA TR 255.
134. Briggs, L. J., and Dryden, H. L. 1929. *Aerodynamic Characteristics of Twenty-Four Airfoils at High Speeds*. NACA TR 319.
135. Glauert, H. 1927. The Effect of Compressibility on the Lift of an Airfoil. R&M no. 1135. London: Advisory Committee for Aeronautics. Reprinted 1928 in *Proceedings of the Royal Society* 118:113.
136. Douglas, G. P., and Perring, W. G. A. 1927. *Wind Tunnel Tests with High Tip Speed Airscrews. The Characteristics of the Aerofoil Section R.A.F. 31a at High Speeds*. R&M no. 1086. London: Advisory Committee for Aeronautics.
137. Douglas, G. P., and Perring, W. G. A. 1927. *Wind Tunnel Tests with High Speed Airscrews. The Characteristics of a Bi-Convex Aerofoil at High Speeds*. R&M no. 1091. London: Advisory Committee for Aeronautics.
138. Douglas, G. P., and Perring, W. G. A. 1927. *Wind Tunnel Tests with High Speed Airscrews. The Characteristics of Bi-Convex No. 2 Aerofoil Section at High Speeds*. R&M no. 1123. London: Advisory Committee for Aeronautics.

139. Taylor, G. I., and Sharman, C. F. 1928. *A Mechanical Method for Solving Problems of Flow in Compressible Fluids*. R&M no. 1195. London: Advisory Committee for Aeronautics. *Proceedings of the Royal Society, A* 121:194.
140. Davis, Lou. 1963. No Time for Soft Talk. *National Aeronautics* (January), pp. 9–12.
141. Stack, John. 1933. *The N.A.C.A. High-Speed Wind Tunnel and Tests of Six Propeller Sections*. NACA TR 463.
142. Stack, John, 1934. Effects of Compressibility on High Speed Flight. *Journal of the Aeronautical Sciences* 1(1):40–3.
143. John Stack Files, NASA Langley Research Center historical archives, Hampton, VA.
144. Becker, John V. 1980. *The High-Speed Frontier*. NASA SP-445. Washington, DC: National Aeronautics and Space Administration.
145. Ferri, Antonio. 1949. *Elements of Aerodynamics of Supersonic Flows*. New York: Macmillan.
146. Jacobs, Eastman. 1936. *Methods Employed in America for the Experimental Investigation of Aerodynamic Phenomena at High Speeds*. NACA miscellaneous paper 42.
147. Tsien, H. S. 1939. Two-Dimensional Subsonic Flow of Compressible Fluids. *Journal of the Aeronautical Sciences* 6(10):399.
148. von Kármán, T. H. 1941. Compressibility Effects in Aerodynamics. *Journal of the Aeronautical Sciences* 8(9):337.
149. Stack, John, Lindsey, W. F., and Littell, Robert E. 1938. *The Compressibility Burble and the Effect of Compressibility on Pressures and Forces Acting on an Airfoil*. NACA TR 646.
150. Ackeret, Von J. 1925. Luftkrafte auf Flugel, die mit Grosserer als Schallgeschwindigkeit Bewegt werden. *Zeitschrift für Flugtechnik und Motorluftschiffahrt* 16:72–4.
151. Foss, R. L. 1978. From Propellers to Jets in Fighter Aircraft Design. *Diamond Jubilee of Powered Flight: The Evolution of Aircraft Design*, ed. J. D. Pinson, pp. 51–64. Washington, DC: American Institute of Aeronautics and Astronautics.
152. Hallion, Richard P. 1972. *Supersonic Flight*. New York: Macmillan.
153. Hilton, W. F. 1966. British Aeronautical Research Facilities. *Journal of the Royal Aeronautical Society* 70:103–4.
154. Young, James O. 1990. *Supersonic Symposium: The Men of Mach 1*. Air Force Flight Test Center History Office.
155. Whitcomb, R. T., and Clark, L. R. 1965. *An Airfoil Shape for Efficient Flight at Supercritical Mach Numbers*. NASA TMX-1109.
156. Hanle, Paul A. 1982. *Bringing Aerodynamics to America*. Cambridge, MA: M.I.T. Press.
157. Gorn, Michael H. 1992. *The Universal Man: Theodore von Kármán's Life in Aeronautics*. Washington, DC: Smithsonian Institution Press.
158. von Kármán, Theodore, and Moore, Norton B. 1932. Resistance of Slender Bodies Moving with Supersonic Velocities, with Special Reference to Projectiles. *Transactions of the American Society of Mechanical Engineers* 34:303–10.
159. von Kármán, Theodore. 1947. Supersonic Aerodynamics – Principles and Applications. *Journal of the Aeronautical Sciences* 14(7):373–402.
160. Taylor, S. I., and Maccoll, J. W. 1935. The Mechanics of Compressible Fluids. In *Aerodynamic Theory*, vol. 3, ed. W. F. Durand, pp. 209–49. Berlin: Springer.
161. Munk, Max M. 1924. *Note on the Relative Effect of Dihedral and the Sweep Back of Airplane Wings*. NACA technical note 177.
162. Schairer, George S. 1980. Evolution of Modern Air Transport Wings. In *Evolution of Wing Design*, pp. 61–5. Washington, DC: American Institute of Aeronautics and Astronautics.
163. Hallion, Richard P. 1983. *Designers and Test Pilots*. Alexandria, VA: Time-Life Books.

164. Blair, Morgan W. 1980. Evolution of the F-86. In *Evolution of Aircraft Wing Design*, pp. 75–89. Washington, DC: American Institute of Aeronautics and Astronautics.
165. Copley, Steve. 1995. A Look Back at Swept-Back Wings. *AIAA Student Journal*, 33(3):2–3.
166. Matthews, C. W., and Thompson, J. R. 1945. *Comparative Drag Measurements at Transonic Speeds of Straight and Sweptback NACA 65-009 Airfoils Mounted on a Freely-Falling Body*. NACA memorandum report L5G23a. Released in 1949 as TR 988.
167. Steiner, John E. 1979. Jet Aviation Development: A Company Perspective. In *The Jet Age*, ed. W. Boyne and D. Lopez, pp. 140–83. Washington, DC: Smithsonian Institution Press.
168. Cook, William H. 1991. *The Road to the 707*. Bellevue, WA: TYC Publishing.
169. Neufeld, Michael J. 1995. *The Rocket and the Reich*. New York: Free Press.
170. Anderson, John D., Jr. 1989. *Hypersonic and High-Temperature Gas Dynamics*. New York: McGraw-Hill.
171. Anderson, John D., Jr. 1995. *Computational Fluid Dynamics: The Basics with Applications*. New York: McGraw-Hill.
172. Richardson, L. F. 1910. The Approximate Arithmetical Solution of Finite Differences of Physical Problems Involving Differential Equations, with an Application to the Stresses in a Masonry Dam. *Philosophical Transactions of the Royal Society, A* 210:304–57.
173. Courant, R., Friedrichs, K. O., and Lewy, H. 1928. Ueber die partiellen Differenzengleichungen der mathematischen Physik. *Mathematische Annalen* 100:32–74.
174. Selmin, V., Hettner, E., and Formaggia, L. 1992. An Unstructured Node Centered Scheme for the Simulation of 3-D Inviscid Flows. In *Computational Fluid Dynamics '92*, vol. 2, ed. C. Hirsch, J. Periaux, and W. Kordulla, pp. 823–8. Amsterdam: Elsevier.
175. Angelucci, Enzo. 1973. *Airplanes*. New York: McGraw-Hill.