



George Cayley

By Frederic P. Miller

Alphascript Publishing Feb 2010, 2010. Taschenbuch. Book Condition: Neu. 220x150x6 mm. Neuware - Sir George Cayley, 6th Baronet (27 December 1773 15 December 1857) was a prolific English engineer, one of the most important people in the history of aeronautics. Many consider him the first true scientific aerial investigator and first person to understand the underlying principles and forces of flight. Sometimes called 'Father of Aviation' in 1799 he set forth concept of the modern aeroplane as a fixed-wing flying machine with separate systems for lift, propulsion, and control. Often known as 'the father of Aerodynamics', he was a pioneer of aeronautical engineering. Designer of the first successful glider to carry a human being aloft, he discovered and identified the four aerodynamic forces of flight - weight, lift, drag, and thrust which are in effect on any flight vehicle. Modern aeroplane design is based on those discoveries including cambered wings. He is credited with the first major breakthrough in heavier-than-air flight and he worked over half a century before the development of powered flight. 108 pp. English.



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