



Flight Research: Problems Encountered and What They Should Teach Us (Paperback)

By National Aeronautics and Administration, Milton O Thompson

Createspace, United States, 2013. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.Milt Thompson s account of lessons to be learned involves aspects of the history of flight research at what was then called the Flight Research Center and its predecessor organizations- redesignated in 1976 the Hugh L. Dryden Flight Research Center. Many fascinating topics are covered: lifting bodies, the P-51 Mustang, X-planes, XS-1, X-15, the YF-12 Blackbird, the Space Shuttle, and the Lunar Landing Research Vehicle. From the time of the Wright brothers first flight in 1903 until the end of World War II, airplane technology evolved considerably. The early decades mono-and biplanes of wooden framework, typically braced with wire and covered with cloth, gradually gave way to an all-metal construction and improved aerodynamic shapes, but most aircraft in World War II still featured propellers and even the fastest of them flew at maximum speeds of about 450 miles per hour. For example, the North American P-51 Mustang, one of the finest prop fighters used in the war, had a top speed of 437 miles per hour when flying a level course at low altitude. This compared with low-level maximum speeds of 514 and...



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