The Flyying-Machine from an Engineering Standpoint; A Reprint of the James Forrest Lecture, 1914, by Permission of the Institution of Civil Engineers, Including a Discussion Concerning the Theory of Sustentation and the Expenditure

By Frederick William Lanchester

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1917 edition. Excerpt: .Aerodynamic Laboratory at Gottingen, and by M. F. Eiffel, in Paris. A few results relating to strut sections are given in Fig. 31a. The graph a a is a plotting from National Physical Laboratory data,2 relating to the section A, 1 Report of the Advisory Committee for Aeronautios, 1912-1913, No. 83. Report of the Advisory Committee for Aeronautios, 1912-1913, p. 111. representing one of the best forms tested, graphs b and c relating to sections B and C as determined by M. Eiffel.1 In Fig. 31a ordinates represent resistance coefficient both in absolute units and in terms of normal plane (the normal plane unit being that of maximum section). In Fig. 316 are shown two strut-sections designed at the Royal Aircraft Factory. These were reported upon by the N.P.L. as giving less resistance for given strength than a number of others submitted. Approximately, strength...

Reviews

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