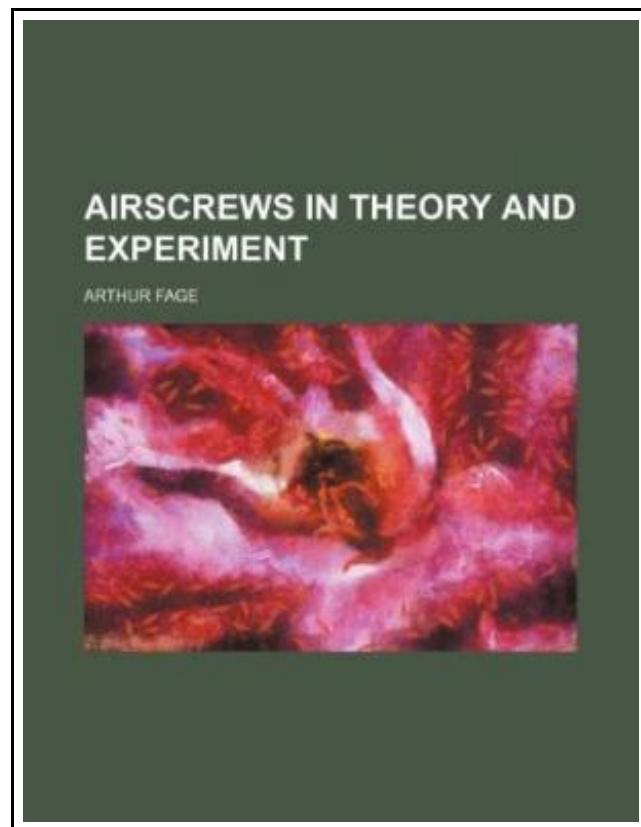


Airscrews in Theory and Experiment



Filesize: 2.37 MB

Reviews

This ebook is very gripping and fascinating. Sure, it is engage in, nevertheless an amazing and interesting literature. It is extremely difficult to leave it before concluding, once you begin to read the book.

(Ms. Ora Buckridge)

AIRSCREWS IN THEORY AND EXPERIMENT

[DOWNLOAD PDF](#)

Rarebooksclub.com, United States, 2012. 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 download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1920 Excerpt: .Curves oP Airscrew for BE.2e. Value of (V/nD) Fig. 43. ference of body and wings are 75-5 per cent, 74-0 per cent, and 76-0 per cent respectively. At climbing speeds, the efficiency of the airscrew with the interference of the body alone is about 2 per cent lower than that of the airscrew without any interference. The efficiency at the lower values of (V/nD) is practically unaffected by the combined interference of the body and wings. We found that at a wind speed of 40 ft. per sec. the resistance of the model body alone (see Fig. 42) was 0-34 lb. At the same wind speed, the resistance of the model body with the interference of wings and struts--the wings and struts were supported in place and not attached to the body--was 0-365 lb. Hence at a wind speed of 100 ft. per sec. the resistances of a similar full-scale body alone, and also of a similar full-scale body with interference of wings and struts, would be 76-5 lb. and 82 lb. respectively. As in the previous experiments, (R/R_0) was a linear function of (T/pV^2D^2) . With no interference from the wings we found that $(R/R_0) = 0.855 + 1.32(T/pV^2D^2)$, where (T/pV^2D^2) is the absolute thrust coefficient of the airscrew working with the interference of the body alone. With the interference from both wings and body, $(R/R_0) = 0.83 + 1.18(T/pV^2D^2)$. In the latter case (T/pV^2D^2) is the absolute thrust coefficient of the airscrew working with the interference of both body...

[Read Airscrews in Theory and Experiment Online](#)[Download PDF Airscrews in Theory and Experiment](#)

You May Also Like



A Kindergarten Manual for Jewish Religious Schools; Teacher s Text Book for Use in School and Home

Rarebooksclub.com, United States, 2012. 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 download...

[Read ePub »](#)



Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .

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...

[Read ePub »](#)



A Year Book for Primary Grades; Based on Froebel s Mother Plays

Rarebooksclub.com, United States, 2012. 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 download...

[Read ePub »](#)



Froebel s Occupations

Theclassics.Us, 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...

[Read ePub »](#)



Firelight Stories; Folk Tales Retold for Kindergarten, School and Home

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...

[Read ePub »](#)