



## Airscrews in Theory and Experiment

By Arthur Fage

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 of P Airscrew for BE.2e. Value of  $(V/nD)$  Fig. 43. interference 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...



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