



BY POPULAR REQUEST A BIPLANE SCALE FREE-FLIGHT

HAWKER "HIND TRAINER"

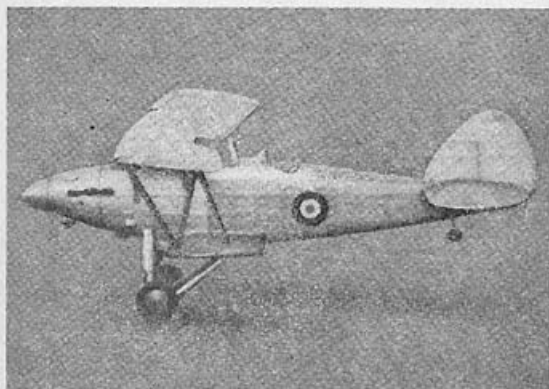
FOR .5 — .87 c.c. MOTORS

BY

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THE DESIGNER . . . Aged 28 years and still a bachelor. Secretary of Crosby Model Aero Club . . . manages local model shop . . . Has been aeromodeller for 18 years. . . . chief interests Free Flight Scale and Radio Control.

THE Hawker "Hind Trainer" was one of the many derivatives of the Hawker Hart, and it was used extensively for advanced training in years just prior to World War II. When Dave Hughes sent us a photograph (page 180, March issue) showing a free flight model of this biplane, we were attracted by its possibilities. Enquiries brought forth confirmation of an excellent performance, so we have no hesitation in presenting



this answer to many of our readers' demands. The model is exactly to scale except for tailplane area, which has been increased for stability. No bracing wires were fitted on the original model, their positions are shown on the plan, and may be added if desired.

Construction is straightforward but owing to the large number of parts (there are 16 formers in the fuselage and 77 ribs in the wings), this is *not* a model you can put together in a week's spare time!

Flying

The model has been flown with an Amco 0.87 and is currently fitted with Mills 0.75. With these engines, about an ounce of weight is necessary in the tail to get the C.G. in the correct position as shown on the plan. If the new 0.5 c.c. engines are fitted, not so much weight will be required. A 9 x 5 in. prop. is recommended.

Test glide over long grass, if possible. Adjust for diving or stalling with tailplane incidence. Adjust to fly straight by moving the fin; remember you are moving the whole fin, so it will require very little movement to have quite a big effect.

Try the model under low power, R.O.G. is best; adjust power for downthrust and/or sidethrust by adding packing between 3A and 3 formers temporarily; later adjust engine on mounting to suit.

The original has 3° downthrust and no sidethrust. Fly in large left hand circles.

Complete building instructions are included with each full size copy of the 1/5th scale plan opposite, available price 6/-, post free from Aeromodeller Plans Service. . . . Note the new address!