

HANRIOT H.D.1

Model on the COVER!

One-twelfth scale 28" model for .5—.8 c.c. featuring simple construction and stable flight. Designed by B. J. Rogers

WE ARE ALWAYS being asked for a genuine flying scale model to suit the .5 to .8 c.c. category, which must be simple to build, easy to fly, crash resistant and above all, colourfully realistic.

As our cover shows this month, there is one aeroplane which meets this specification ideally and that is the Belgian fighter of World War I, the Hanriot Dupont H.D.1. Featured as our "Aircraft Described", No. 94 by Peter Gray in *AEROMODELLER* for November, 1958, the Hanriot attracted B. J. Rogers into scaling up a 1/12th model for his elderly, but faithful, Elfin .5 c.c. diesel.

The subsequent result exceeded all expectations and during the course of a visit to our offices, Mr. Rogers mentioned his model. We were attracted by his description and as a result, he left the model with us for us to make a personal examination and to conduct flight tests.

These were quite exciting, provided one is prepared to forget our struggle with a rather well worn power plant which seemed adamant to operate on anything other than gravity feed. The model flies beautifully and even when we managed to get an unwanted right-hand turn, the only damage in the subsequent prang was a crushed longeron, and that was caused by an over anxious editor and not due to the impact.

So here we have something which so many readers have requested and with the bright colour scheme suggested by our cover and on the plan, we fancy there will be a lot of H.D.1 models flying this season.

About this colour scheme. It was taken from Jean Noel's drawing in December, 1960, Royal Air Force "Flying Review". No claim was made for any particular pilot using the scheme involving the green and white stripes, however, it is established that the 9th Squadron in which those Aces, André de Meulemeester and Willy Coppens served, carried a white thistle insignia on the camouflaged fuselage sides. Other colour schemes are described for Italian and American H.D.1's in our scale plan 2713, available from the editorial offices, to 1/72nd and 1/48th scale, price 3s. per pack including post. Several H.D.1's are still preserved in Belgium, the U.S.A. and

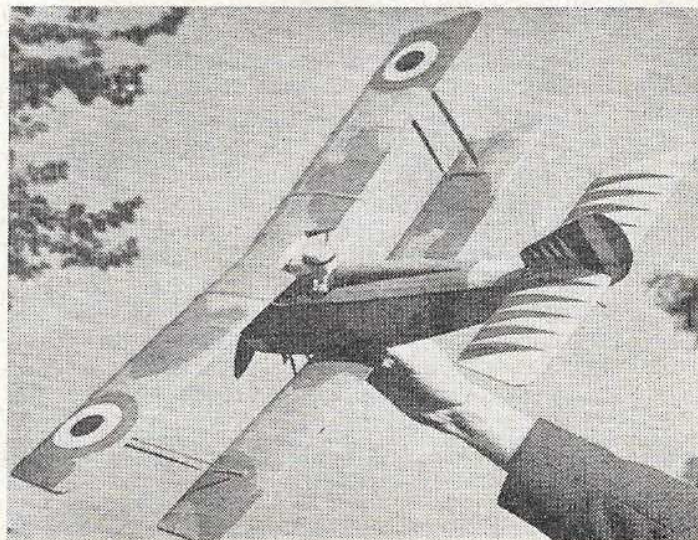
there is also one in the Shuttleworth collection at Old Warden, Biggleswade.

The fuselage sides are built over the separate plan using medium to hard grade balsa, ensuring that the pieces of $\frac{1}{8}$ -in. sheet are hard and the slot for the lower wing tongue box is at the correct angle. The engine bearers are now well cemented to F.9 and F.10, care being taken that the essential side thrust is correct. Next, cement the fuselage sides to the engine bearer assembly, each being keyed when pushed into slots in F.9. Add remaining stringers to complete a basic box fuselage.

Centre section struts are now sewn along the bottom of F.1, cemented in position and rest of fuselage top completed. Build tongue box, fuselage side fairings and install engine and tank. There is ample room inside the cowling for the tank and the fuel level can easily be seen through the airscrew disc.

The cowl is quickly built from three or four pieces of $\frac{1}{8}$ -in. sheet. A series of saw cuts, approx. $\frac{1}{8}$ -in. apart, are filled with cement and the sheet bent to the correct radius. Final shaping and sanding of the cowl is best carried out when cemented in position.

Next, add the undercarriage struts and the axle which can either be soldered to the legs or held in position by small rubber bands. For the wheels, the ply discs are first cut and the bushes added and cut off flush with the nut. The tyre is ribbed Ripmax fuel tubing, slit down one side and glued and pushed over the ply disc. *Bondfas*



Heading picture and view at right display the bright green and white decoration applied to this "Thistle" Squadron Hanriot, to be seen in actual colour on the cover. This is not only a brightly coloured scale subject, it flies well and has practical, simple features to make it a good subject for the novice

