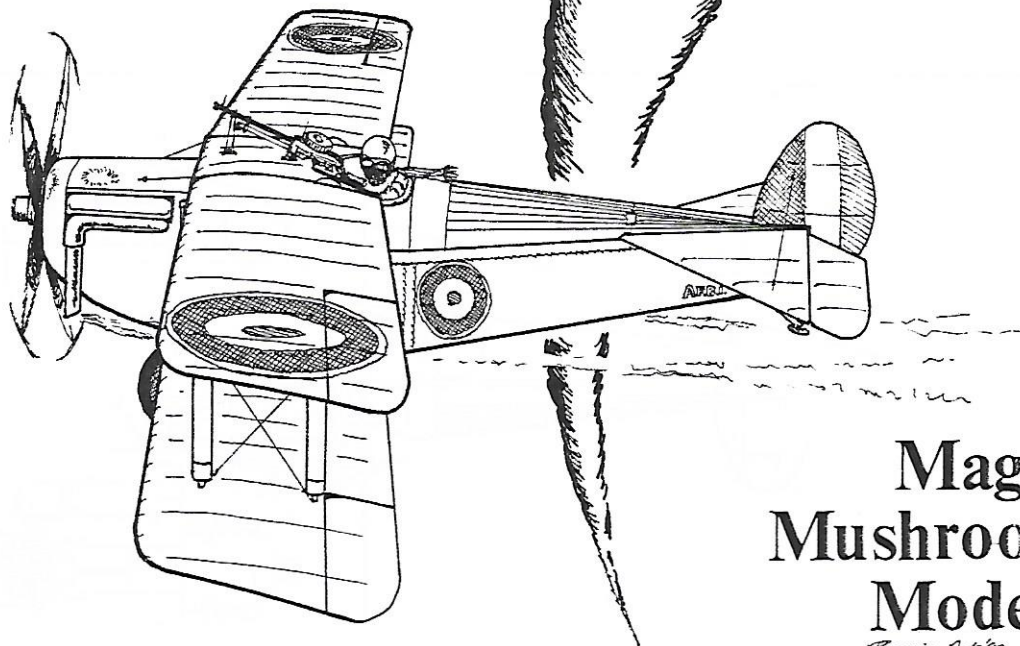


AUSTIN A.F.B.1

$\frac{1}{72}$



Magic Mushroom Models

*Plastic Part 90
© James Kightly.*

Resin
Kit
For The Experienced Modeller

MAGIC MUSHROOM MODELS AUSTIN A. F. B. 1

HISTORY

Designed by Cyril Haigh Brooks at the Austin Motor Co, with the colaberation of Albert Ball, the A.F.B.1 was a neat little scout fighter. Fitted with 2 machine guns, (One firing through the propellor hub) and with an unusually deep fuselage it was a clever compramise between Ball's demands, based on his experience with Nieuports 17's, and good design. Sadly, Albert Ball was killed before the one and only A.F.B.1 was completed and flown. The best history on the type is published in the November and December 1978 issues of Aeroplane Monthly.

REFERENCES

- 'Windssock International' Vol.6 No.5 1990
- 'Aeroplane Monthly' November & December 1978
- 'Mushroom Monthly' November 1990
- 'War Planes of the 1st World War' J.M. Bruce, Macdonald,
- 'Fighter Aircraft of the 1st World War' Harleyford,
- 'Fighter Aircraft 1914-1918' Blandford,

GENERAL

This kit is moulded in resin. For the best results we suggest you use the following tips.

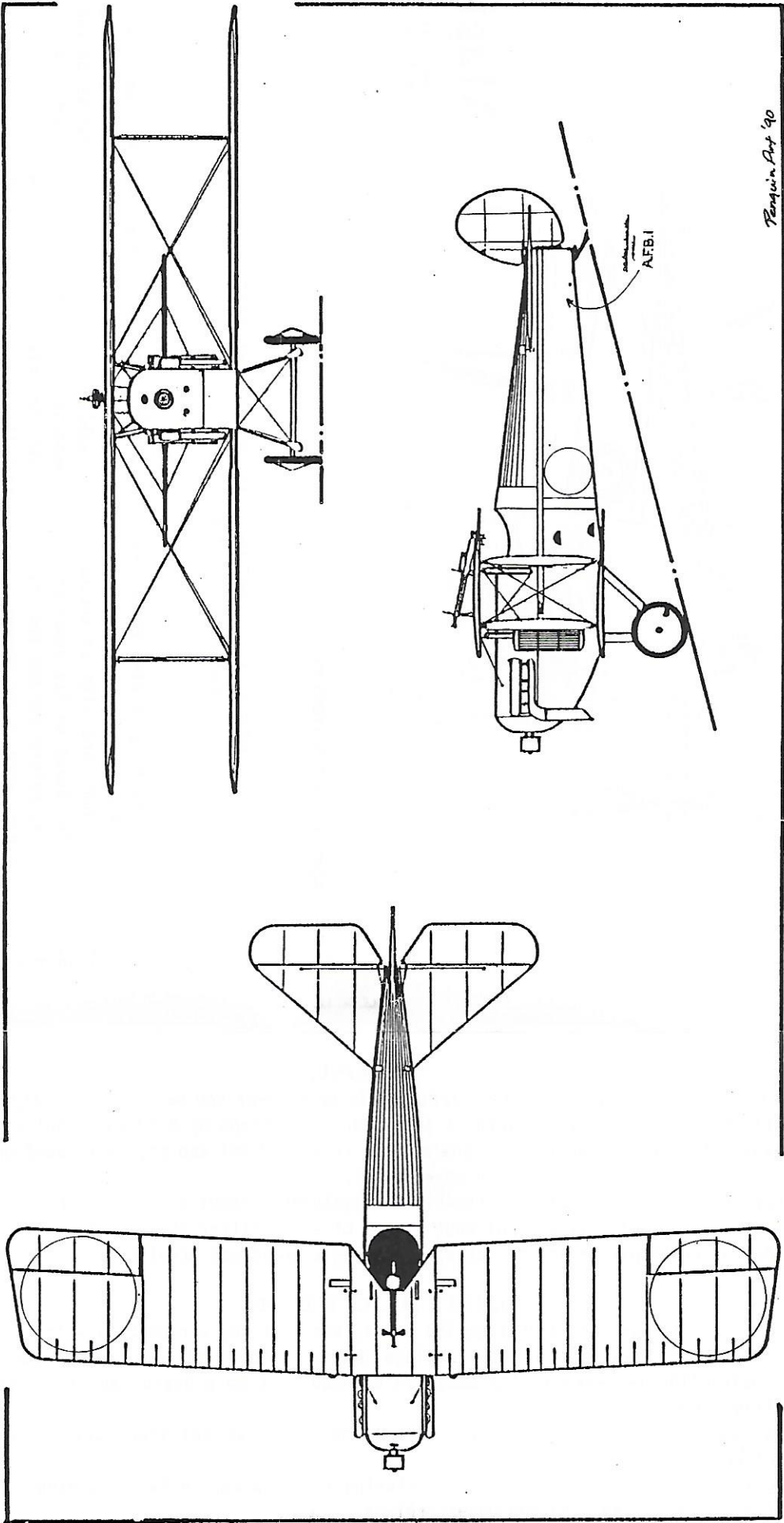
1. If a part is bent on arrival, return it to its original shape by bending in hot water.
2. For cleaning the parts, use a file, *sharp* craft knife and wet and dry paper used dry.
3. The resin can be drilled using a low speed drill.
4. Use epoxy cement or superglues for assembly. Polystyrene cement will not work.
5. We recommend 'Milliput' filler, but most brands of epoxy filler should work.
6. Most types of craft paints are suitable, including Enamels and Acrylics.

CONSTRUCTION

1. Remove moulding sprues and flash from the parts, and fill any air bubbles with filler.
2. Detail cockpit to taste, and join fuselage halves. Add radiators and exhausts to the sides. (Construction is eased if the model is mounted flat on a board, and a jig constructed for supporting the wings.)
3. Add lower mainplanes. Note: the aircraft has no dihedral and there are cutouts on the lower mainplane roots.
4. Cut wing struts to length, and position, referring to the plan. Attach top wing.
5. Remove from jig (if used) and add undercarriage.
6. Add four bladed propellor and Lewis gun from spares-box or Aeroclub Models.

COLOUR SCHEME

Colours seem to have been standard R.F.C. dopes. P.C.10 upper surfaces, natural doped linen lower surfaces. Cowlings were probably an adonised matt grey. R.F.C. Roundels in 6 positions, and A.F.B.1 stencilled on the rear fuselage in white under the horizontal surfaces.



Penguin Art '90