

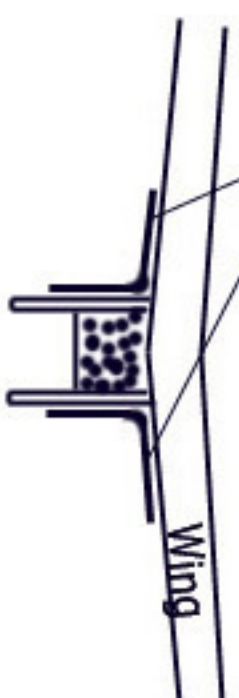
Bliss

Mike Chapman. 2001

The d/t band(s) should be hooked on the wire peg - wrapped around the fuselage - then re-hooked on the peg.



The wing to wing support/hinge plate joint should be reinforced with glass or carbon cloth.



Note:
Fin and tail are both glued on 'square' - no tilt.
The longer l/h wing creates left turn.

Pop-up wing d/t hinge must be well made or launches will be erratic!

Bent wire pushed into the fuselage, holds the d/t bands

These two faces should be either .5 mm ply or carbon sheet

Shape the wing to this section

Sand in 1/64" of Up sweep.

Taper this strip to give 1.5 mm wing incidence

1/32" ply guides (One each side) Glue to fuselage only.

Hard wood

Fuselage built up from hard 1/4" strip

7 mm Carbon boom

Spruce skid

Balsa bung

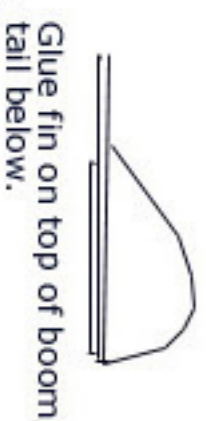
Lead shot nose weight. Check the glide before sealing the end tight.

22 mm

Cover the whole nose with light glass or carbon cloth

d/t snuffer tube set into the fuselage at an angle.

Cut a slot to enable the removal of burnt fuse



Alli tube to prevent crushing

Top view of hinge

Nylon Nut and Bolt

Leading edge is 3/32" spruce

Left hand wing is 1/2" longer than the right side add the extra here

This plan was supplied by
F4B Scale Magic
www.f4bscale.co.uk

Wing from 6 mm x 100mm medium grade quarter grain sheet

Tailplane 1.5 mm quarter grain balsa

Fin 1.5 mm quarter grain balsa

13.5" to end of tail

1.5 mm ply set into the sides

1.0 mm Carbon sheet hinge side plates

High point

15 mm

This angle line is not to scale.

Dihedral joint

Give the model at least three (thinned) coats of non-shrinking dope (sand between coats) finish with one coat of 2-part fuel proofer (thinned 50/50).

Cover tips with light tissue to prevent cracking

Dihedral joint

12.5 mm

3/32" washout in the right hand tip only

This plan will have shrunk by about 5% - If you enlarge it, extend the fuselage tail boom to 14"

Finger support on the r/h side only. Carve to suit.