

Laminate nose block from
2,5 mm sheet (crossgrain)

Materials list

Balsa sheet	3pieces	4.5 mm × 76 mm × 900 mm	(3/32 " × 3 " × 36 ")
	3pieces	1.5 mm × 76 mm × 900 mm	(1/16 " × 3 " × 36 ")
Balsa strip	3strips	6 mm × 6 mm × 900 mm	(1/4 " × 1/4 " × 36 ")
	3strips	6mm × 3mm × 900 mm	(1/4 " × 1/8 " × 36 ")
	3strips	12mm × 3mm × 900 mm	(1/2 " × 1/8 " × 36 ") trailing edge stock
Miscellaneous			
	3mm ply —	10mm sq	
	12mm dia	(18 swg) pianowire	
	3mm dia	(1/8 ") hardwood dowel	× 300 long
	Cotton tape ,	rubber bands ,	nylon line , scrap aluminium ,
	screws & nuts ,	adhesives ,	tissue & dope

Fin & rudder from 2.5 mm sheet - round off all edges
with sandpaper. Hinge with linen tape

Position of
tailplane after
dethermaliser
has burnt thro'
retaining band

Bridle from
3mm hardwood
dowel 40mm long

Diagram illustrating the rudder assembly. Labels include: P_{in} , Rubber band, and Rudder stop (both sides).

Line from towhook
pulls rudder straight
during launch

Tailplane securing prongs - 1.2 mm dia
piano wire - epoxy in place

Snuffer tube epoxied to side of fuselage
use 4.5mm dia aluminium tube

Rudder stop - 2 off

Aluminium
bracket -----
(approx 10mm x
10mm x 10 mm)

6BA nut & bolt
epoxy nut to bracket

Fuselage formers F4—9
all from 2.5 mm sheet

— Typical fuselage
cross section
Round off corners
with sandpaper

Tip up tail bridle - 1,2 mm
pianowire Retaining band
passes under fuselage

Tailplane platforms
25 mm sheets

F3 fuselage -
upper rear
1.5 mm sheet

F2 fuselage
upper front
1.5 mm sheet

— F1 fuselage bottom - 2.5 mm sheet

Leading edge
6 mm sq

6mm x 3mm spar —

Typical wing section Note pre shaped T E & final shape of L E after sandpapering from square

W1 - 22 off - 1.5mm sheet

W2-4 off - 1.5 mm sheet

1.5mm sheet
top only; \

— Dihedral template — cut from scrap
Use to tilt root rib (W2) to
produce correct dihedral

Round of

Typical tailplane section

T1-6 off - 15 mm

T2-3off - 15mm

12mm x 3mm —
trailing edge stock

Wing & tailplane tips cut
from leftover 12mm TE stock

Round off
all corners

Notch T E. to
accept ribs