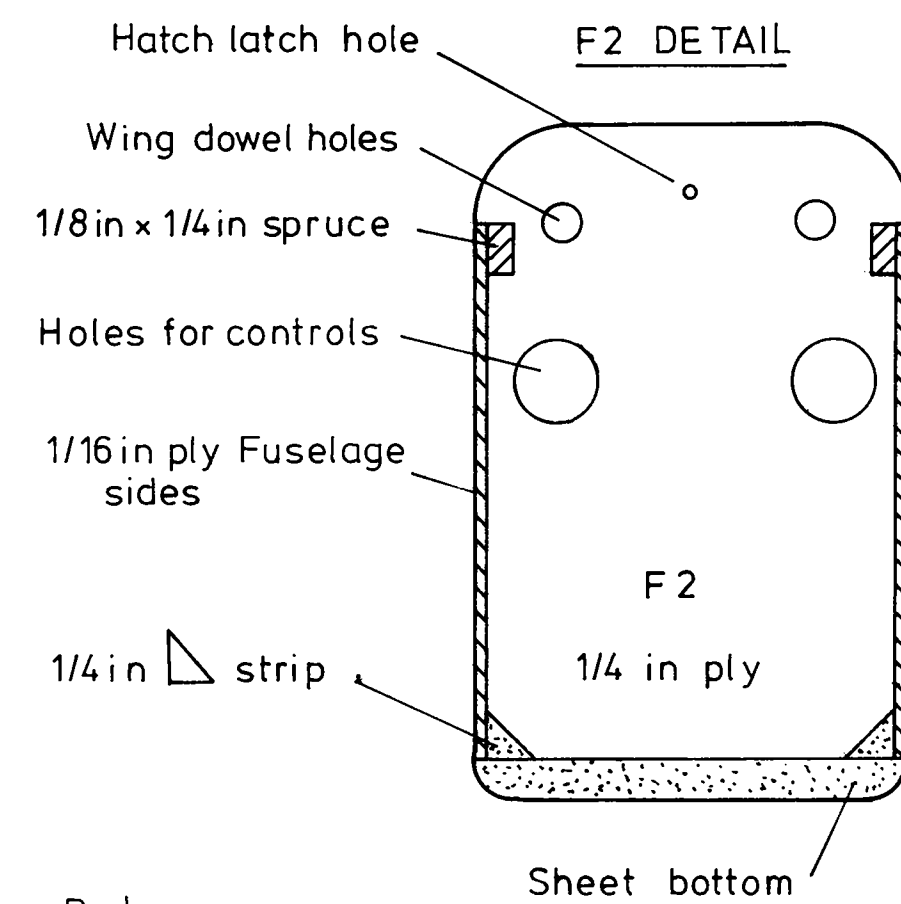
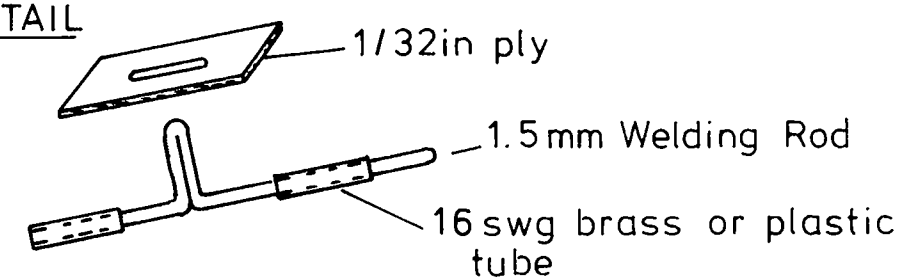


Jezebel

Designed by Stan Yeo
57 in span Aerobatic Slope Soarer

All wood balsa unless otherwise stated

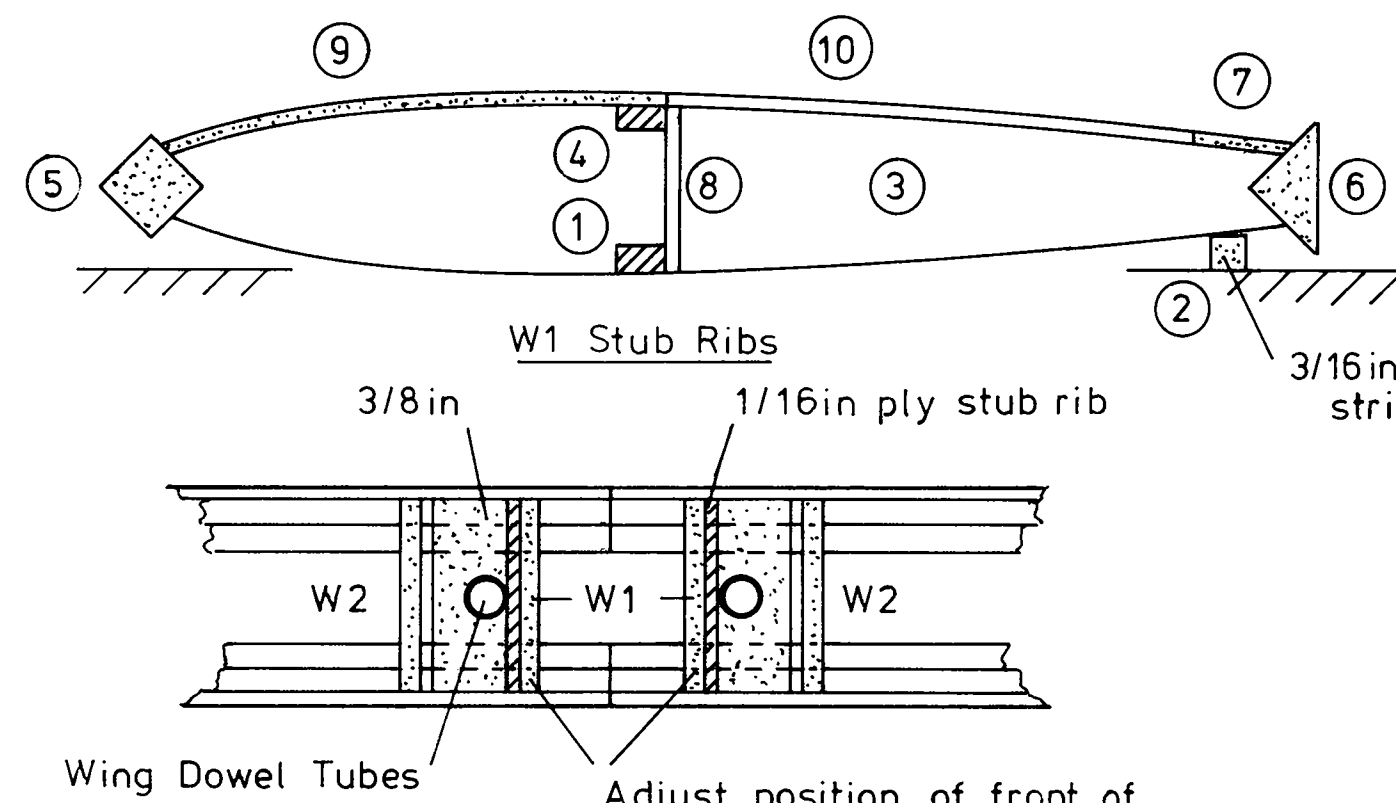
HATCH LATCH DETAIL



WING BUILDING INSTRUCTIONS

1. Build two halves of wing, upside down in order indicated on diagram to right.
2. Fit dihedral brace, join wings at correct dihedral, complete servo box and fit 1/16 in ply and 3/8 in stub ribs to W1
3. Sheet and cap remainder of wing.
4. Fit aileron torque rods/centre section trailing edge. Sand to shape.
5. Fit tips and sand complete wing to shape.
6. Fit fuselage to wing by adjusting wing seat.
7. Mark position of wing dowels on front face of F2. Fit wing in position and drill wing dowel holes using piano wire drill.
8. Epoxy wing dowel tubes in position and fit wing bolt support (1/16 in ply)

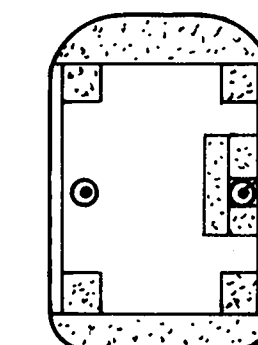
Build wing in numerical order



CONTROL SURFACE MOVEMENT

Ailerons $\pm$ 1/2 in
Rudder $\pm$ Max Possible
Elevator $\pm$ 7/16 in
Av. Flying Weight 21b 3ozs

Typical Fuselage Section



Dorsal Fin
(shape after fitting)

FIN

RUDDER

1/4 in sheet

1/4 in strip

1/8 in x 1/4 in spruce

1

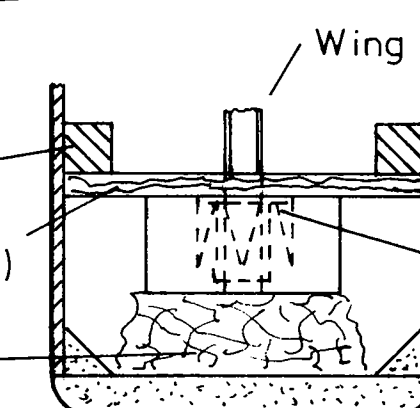
2

3

4

5

Wing Retaining Nut detail



1. Control Cable Outer
2. Control Cable Inner
3. Cable Adapter
4. Snap Link
5. Control Horn

Press wingnut into soft block and glue to ply plate.

Mylar Hinge

Horn support

1/32 in ply doubler

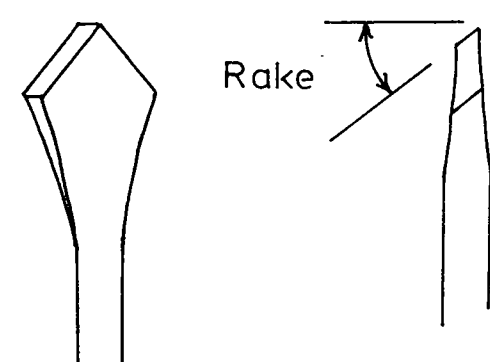
TAILPLANE

ELEVATOR

1/4 in sheet

PIANO WIRE DRILL

1. Heat end of 18 in length of 6swg piano wire and flatten end.
2. Grind point as shown in diagram.
3. Heat tip to cherry red and quench in water.
4. Drill test hole to check size and adjust if necessary.



Rake

3/8 in Dihedral under each tip

3/8 in sq Leading Edge

1/16 in Leading Edge sheet top & bottom

1/16 in sheet main-spar webbing (grain vertical)

1/2 in strip Rear spar

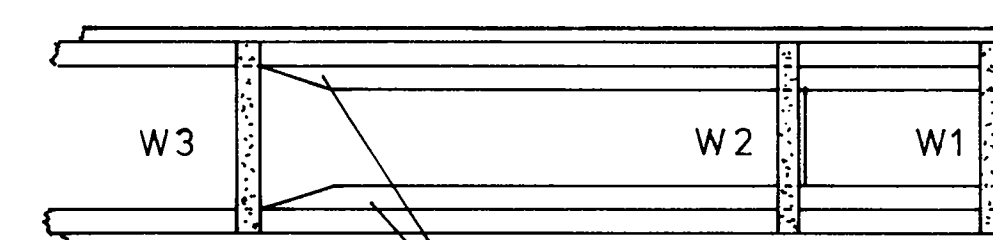
1/16 in x 5/16 in Rib Capping strips

1/16 in x 1/2 in Cap strip

1/16 in sheet top & bottom

1/4 in ply Dihedral Brace

Mainspar Doubler/Brace Detail



Mainspar doublers

1/4 in ply Dihedral brace

Aileron torque rod assembly

1/2 in x 1 1/2 in Aileron

Mylar hinge

Soft balsa Tips

Section