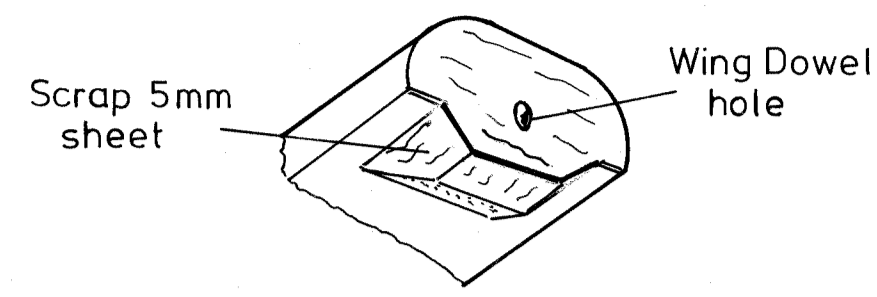


PzazZ

Designed by Stan Yeo
1520 mm span Slope Pylon Racer

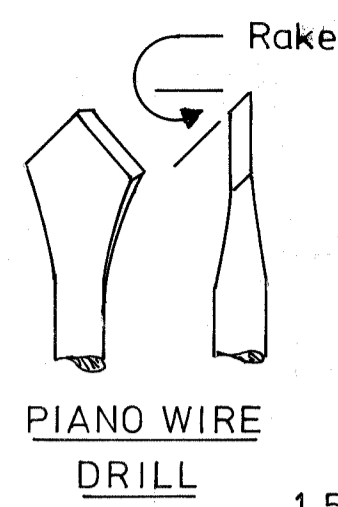
All wood balsa unless otherwise stated

Underview of Hatch at F2

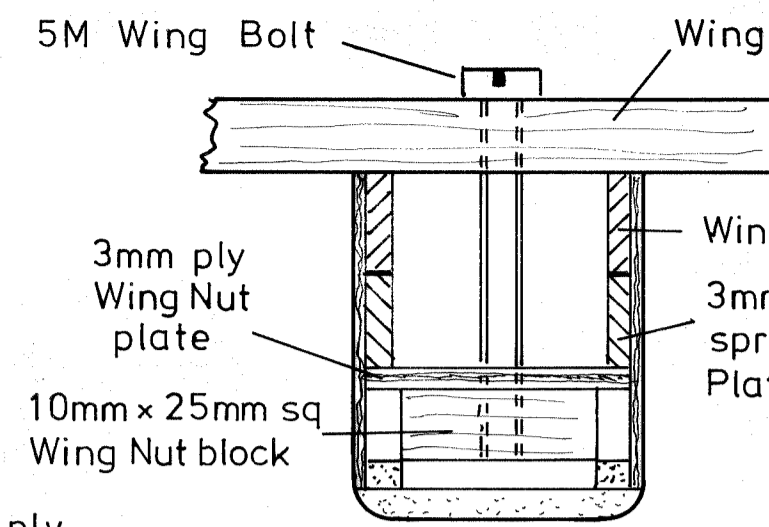


WING DOWEL DRILL

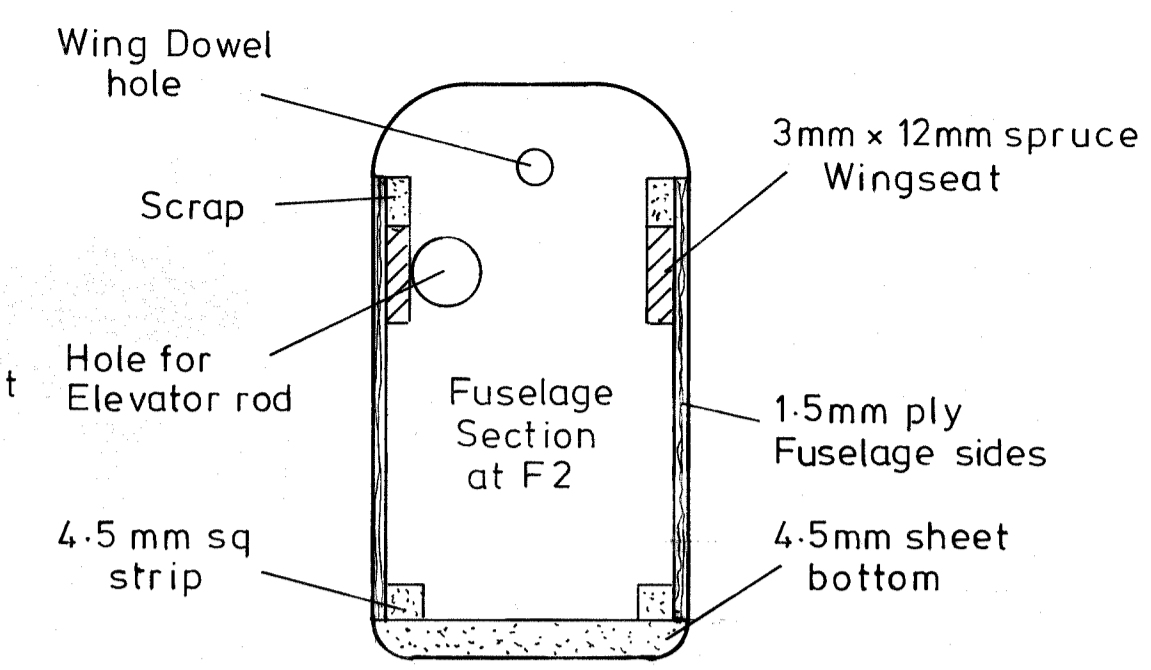
1. Heat end of 450mm length of 8swg (4mm) dia. piano wire & flatten end.
2. Shape to spear type point and grind in rake to assist cutting.
3. Heat tip to cherry red colour and quench in water.
4. Check the diameter of hole drilled by drill and adjust by grinding sides as required.



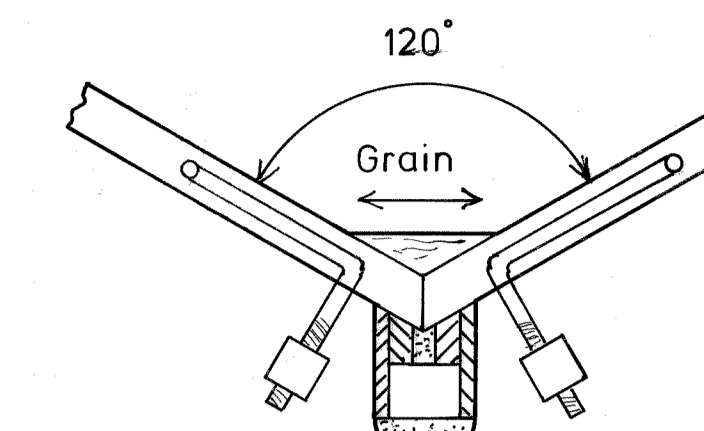
PIANO WIRE DRILL



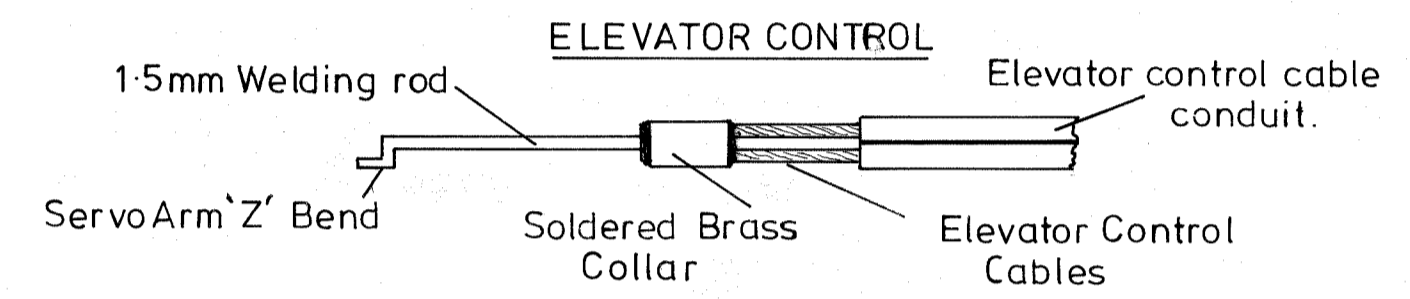
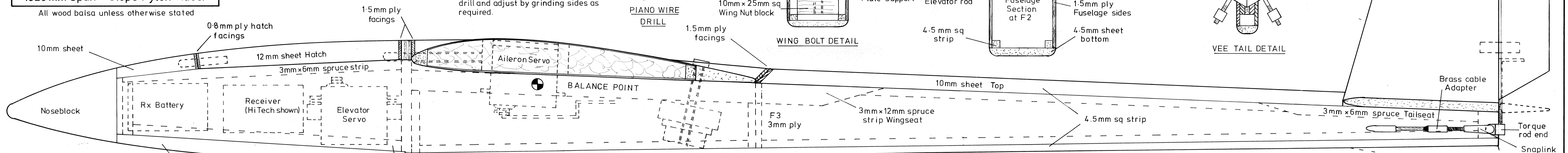
WING BOLT DETAIL



Fuselage Section at F2

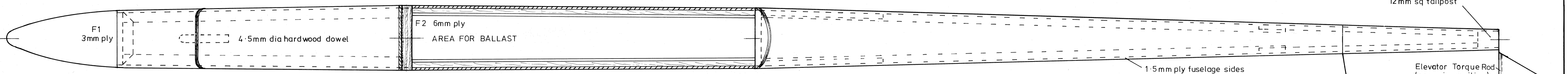


VEE TAIL DETAIL

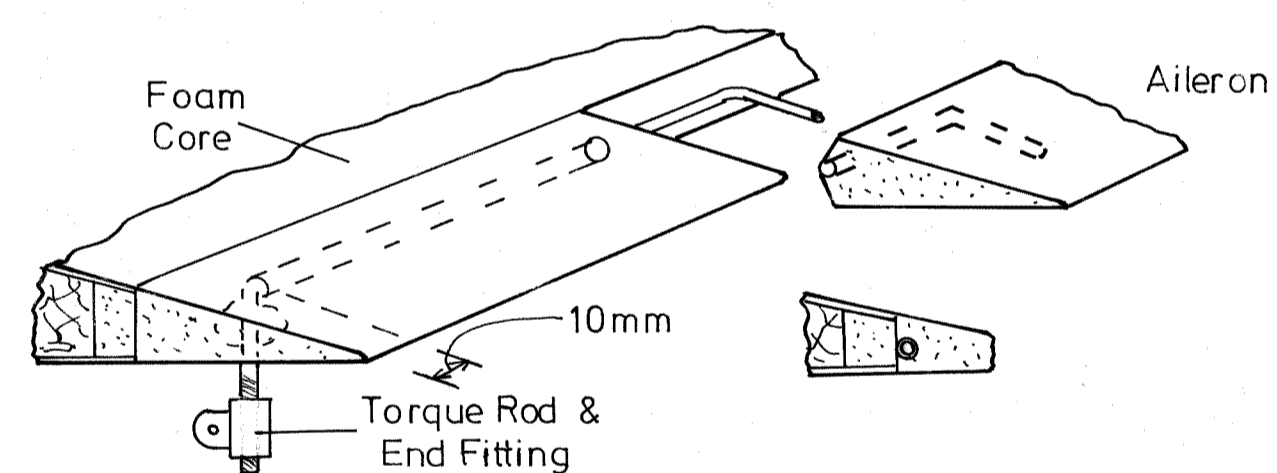


RECOMMENDED COVERING
Glass cloth and Epoxy (Ballasted & Pylon Racing)
Iron film - Unballasted Sport Flying

Optional 1.5mm Tailskid



AILERON TORQUE ROD DETAIL



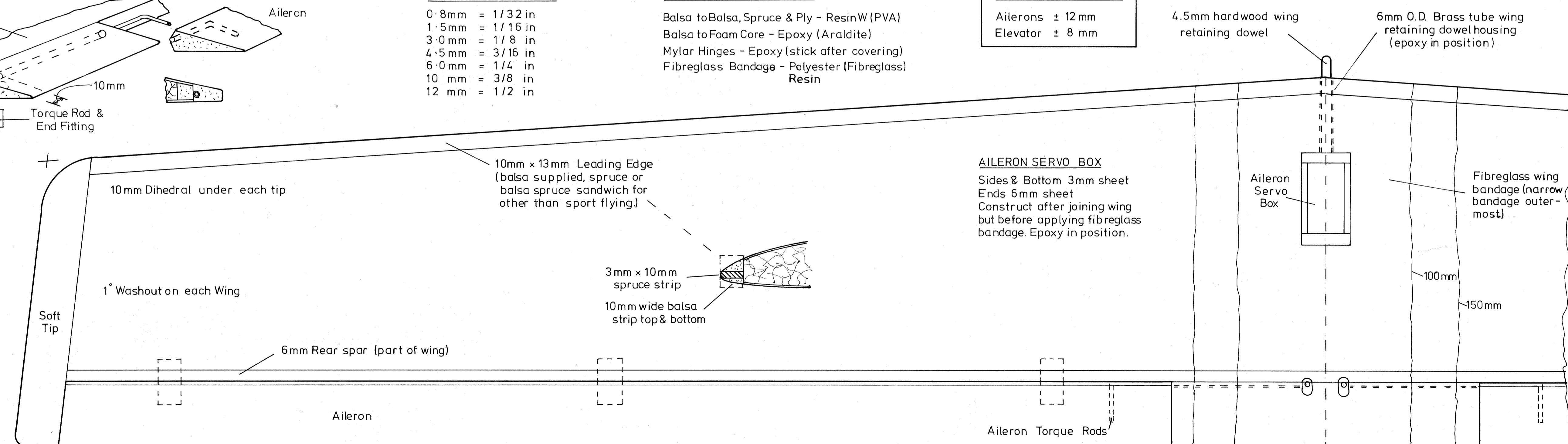
IMPERIAL EQUIVALENTS

0.8mm	=	1/32 in
1.5mm	=	1/16 in
3.0mm	=	1/8 in
4.5mm	=	3/16 in
6.0mm	=	1/4 in
10mm	=	3/8 in
12mm	=	1/2 in

RECOMMENDED ADHESIVES
Balsa to Balsa, Spruce & Ply - Resin W (PVA)
Balsa to Foam Core - Epoxy (Araldite)
Mylar Hinges - Epoxy (stick after covering)
Fibreglass Bandage - Polyester (Fibreglass) Resin

CONTROL MOVEMENTS

Ailerons	± 12 mm
Elevator	± 8 mm



- WING BUILDING NOTES**
1. Sand wing leading edges to provide a good gluing area and attach L.E. using Epoxy
 2. Sand L.E. to shape using a 180 grit Wet & Dry sanding block.
 3. Fit Aileron torque rods to trailing edge centre section and epoxy in position. Grease torque rods to prevent sticking.
 4. Sand T.E. to shape and join wings using epoxy.
 5. Construct aileron servo box and epoxy in position. Check that the wing joint is sealed with epoxy to prevent damage to foam core by polyester (fibreglass) resin.
 6. Stand wing on trailing edge to form a bridge. Drape both layers of fibreglass tape centrally over the wing-joint and apply polyester resin. Exten resin 12mm beyond bandage.
 7. Sand wing bandage using 80 grit Wet & Dry taking care not to damage veneer. Add tips.

- WING DOWEL DRILLING**
1. Fit finished wing, less fairing, securely to the fuselage and mark wing dowel position on the front face of F2.
 2. Using the Piano Wire Drill drill dowel hole through both F2 and the wing L.E.
 3. Fit and epoxy 6swg (4.5mm) brass tube into wing.

