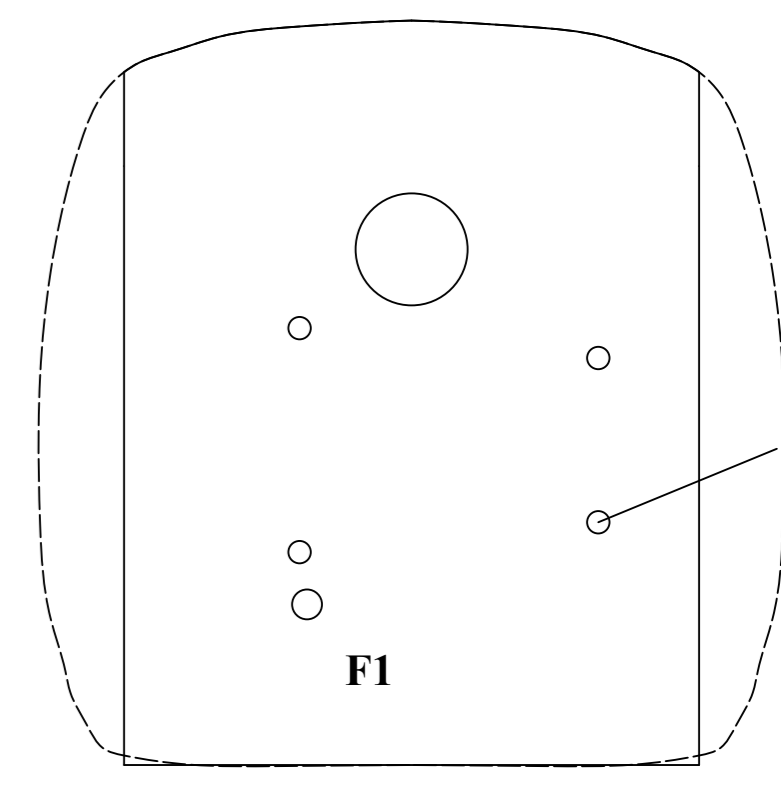


All formers 3mm balsa u.o.s.

9mm triangular stringers.

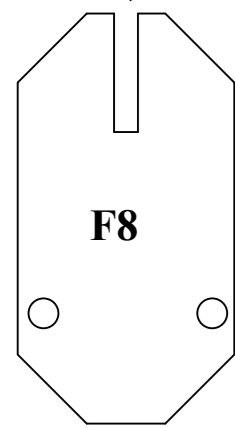
Servo Mtg. plate rails.  
6mm sq hardwood.



Holes required to suit fuel tank & throttle snake.

F1 6mm Marine ply. Drill to suit motor bearers.

Cut out for Fin.



Ensure fin is securely glued to the top face of the tailplane.

Wing mtg. plate, drill & tap M6 x 2 off. Or use M6 captive nuts.

Wing seating, form from 6mm x 12mm balsa.

Reinforce this bay with 9mm triangular fillets.

Block fillet.

Laminate fairing from 3 x 12mm sheet.

Use commercial Cowl

11" x 6" Bolly Prop.

Rudder uses a Closed Loop system  
Run wires in two 5mm tubes

Piano wire skid, bind & glue to ply support.

9mm Triangular Stringers.

1.6mm Ply Doubler to here.

Sheet top & bottom 3mm balsa. Cross grain.

F8

F7

F6

F5

F4

F3

F1

Battery location. Rx above.

SLEC SL088B-R  
9 oz tank shown  
52 x 52 x 105mm

Ensure mtg. screws do not foul tank.

F2

Fuselage sides, 3mm balsa.

Joint for 4" Sheet.

Chamfer.

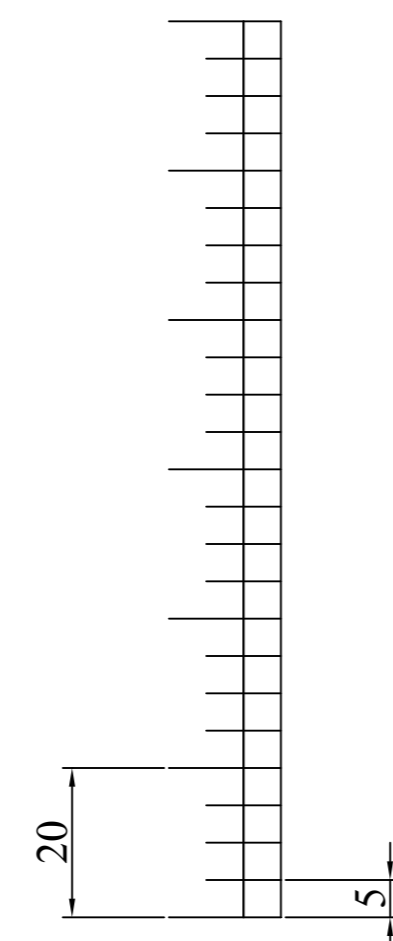
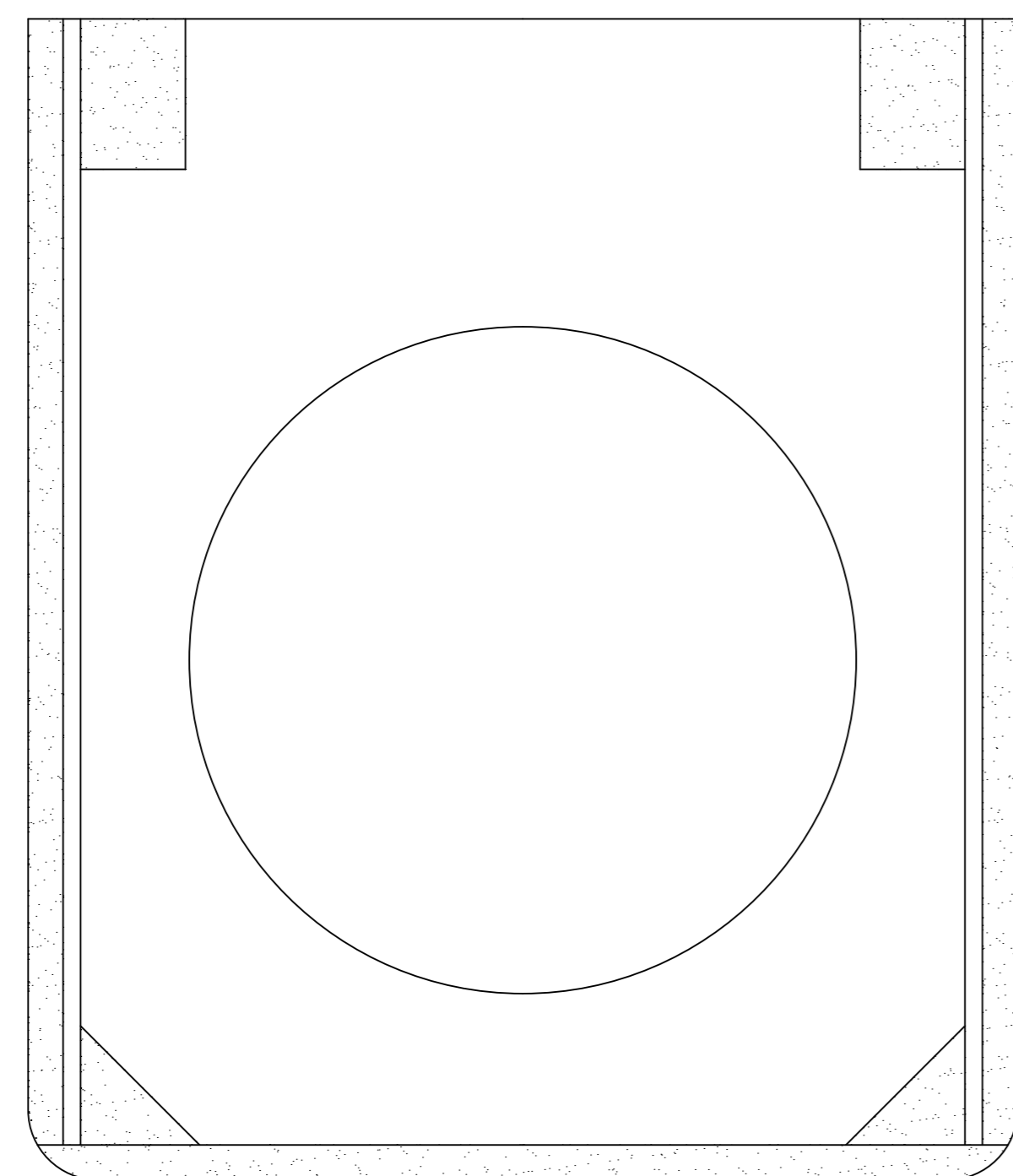
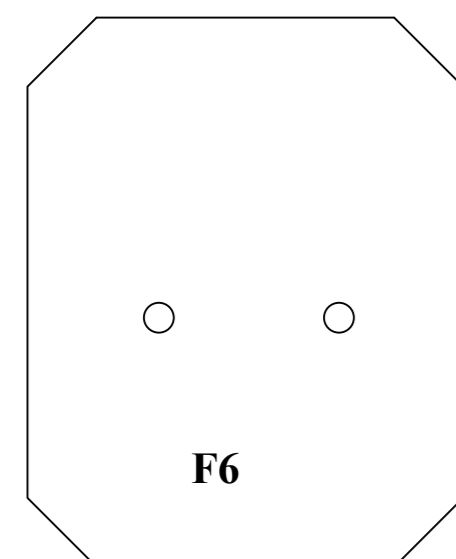
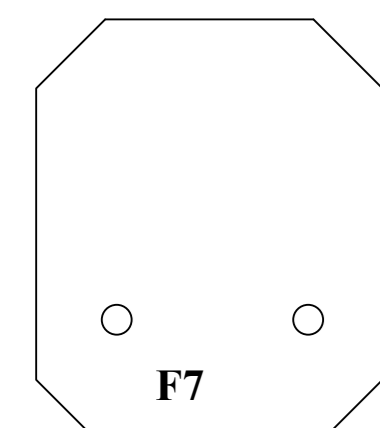
U/c mtg. plate  
6mm ply.  
2 x 3mm laminated.

Fin & Rudder 6mm balsa.

Wheels 75mm Dia.

Fuel tank floor, 3mm ply.

Typical cross section  
Not to scale.



Note Grain Direction.

6mm x 12mm hardwood insert.

Hardwood inset for Horn.

U/c mtg. plate, laminate from 2 x 3.2mm ply fit 2 x M6 captive nuts.

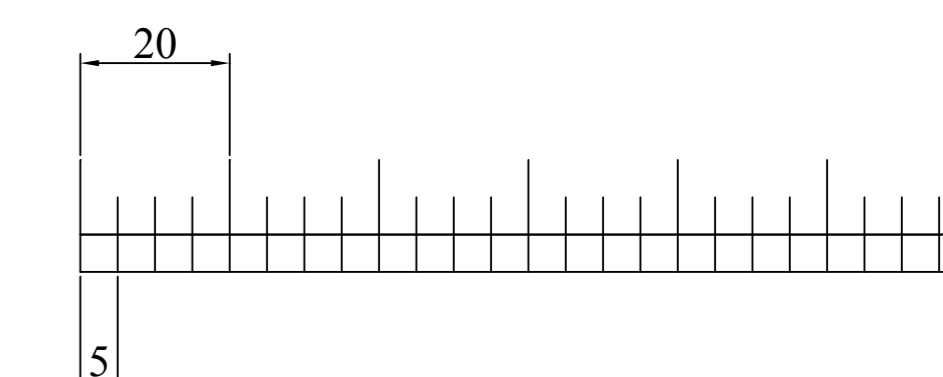
Section at u/c Mtg.

Drill 2 holes 6mm dia, spot off front wing spar.

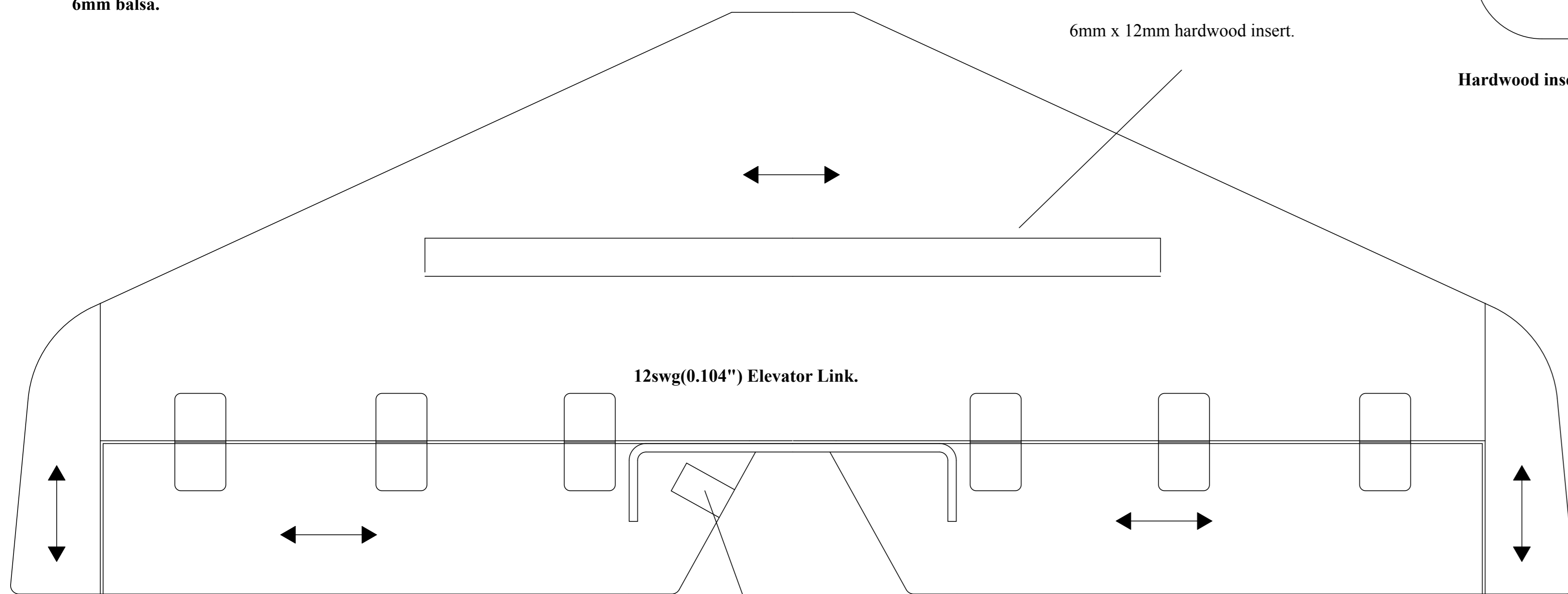
F3

Cut out to suit tank.

Cut out is deeper than the tank to aid removal. Held in place by wing U/c.

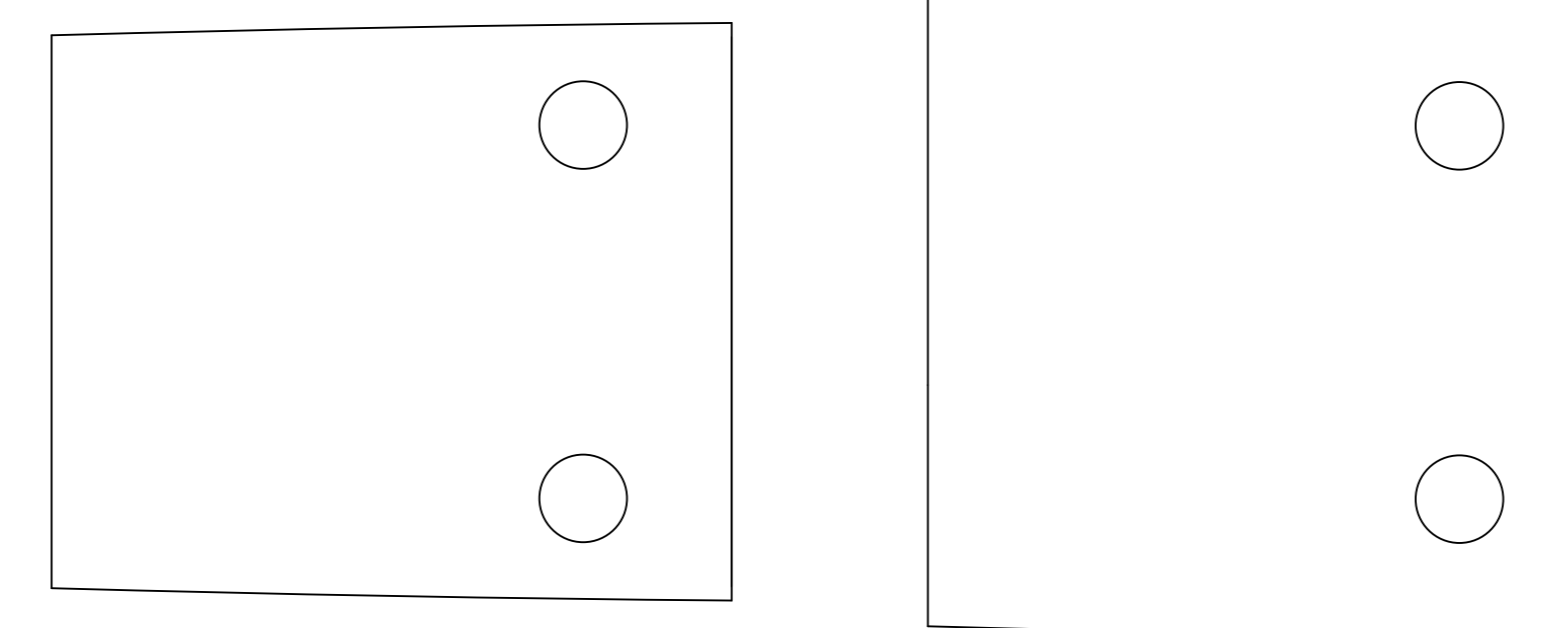


Tailplane & Elevator  
6mm balsa.



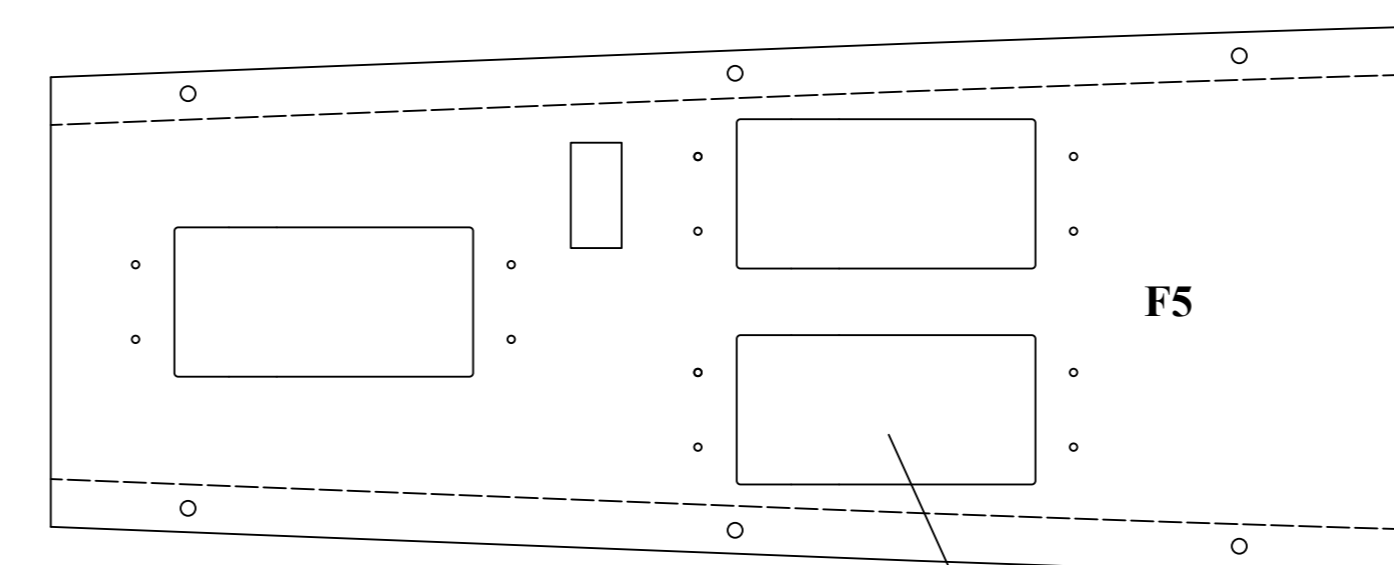
12swg(0.104") Elevator Link.

Hardwood inset for Horn.



Servo mtg. plate, cut outs to suit 3 servos and on/off switch. Fit to 6mm sq rails.

Fit the Throttle servo inverted.



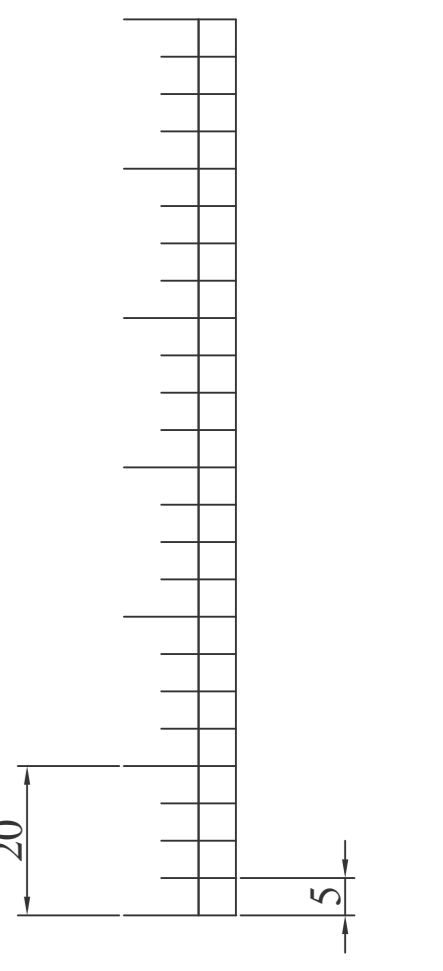
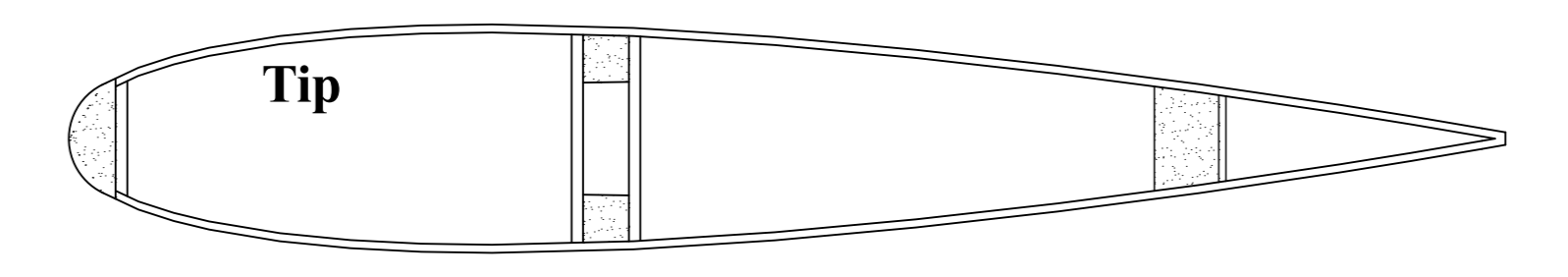
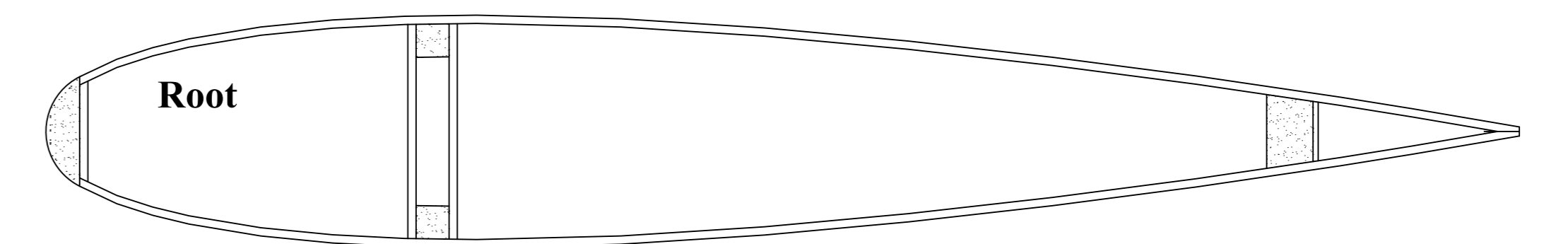
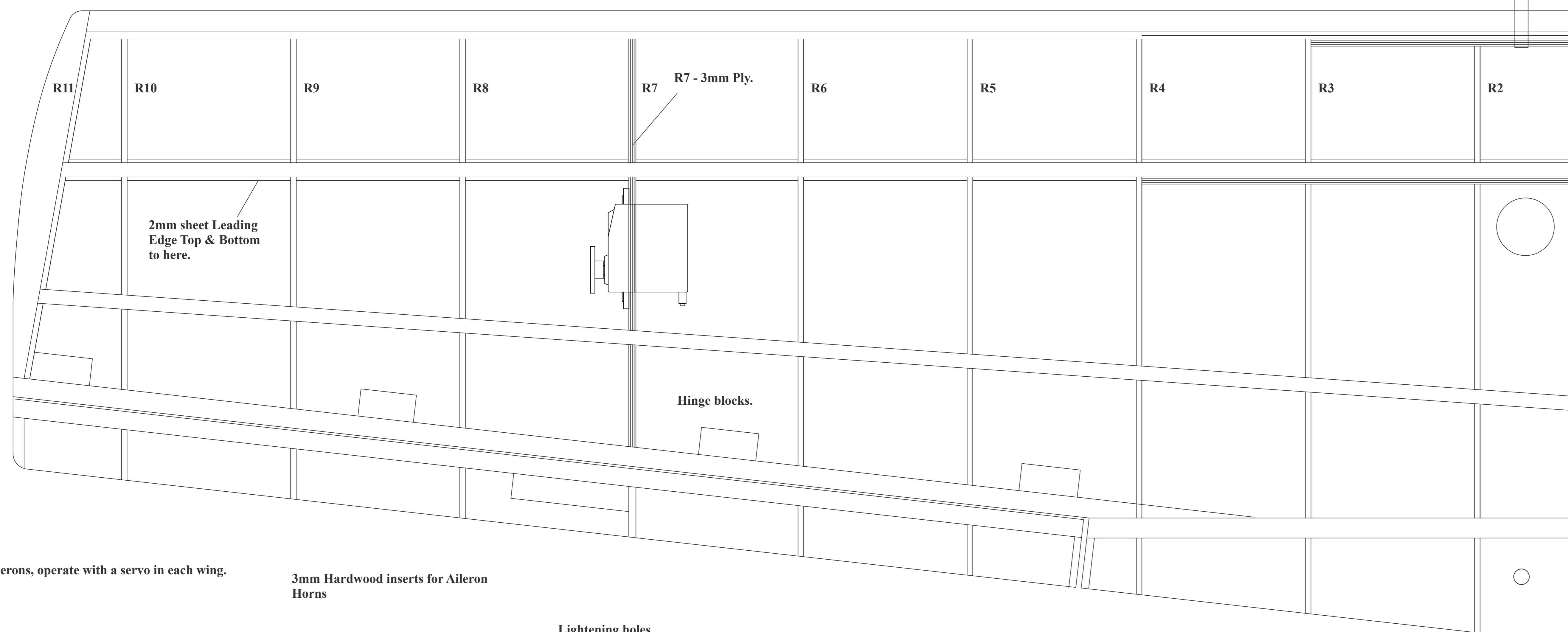
All ribs 2mm Balsa U.O.S.

All ribs fitted with 6mm cap strips.  
Top & Bottom. Not shown for clarity.

2 x 6mm Hardwood  
Dowels.

Root Rib, NASA 0015  
Tip Rib, NASA 0015 Thinned 10%  
Dihedral optional.

All ribs fitted with  
9mm x 2mm cap  
strips.

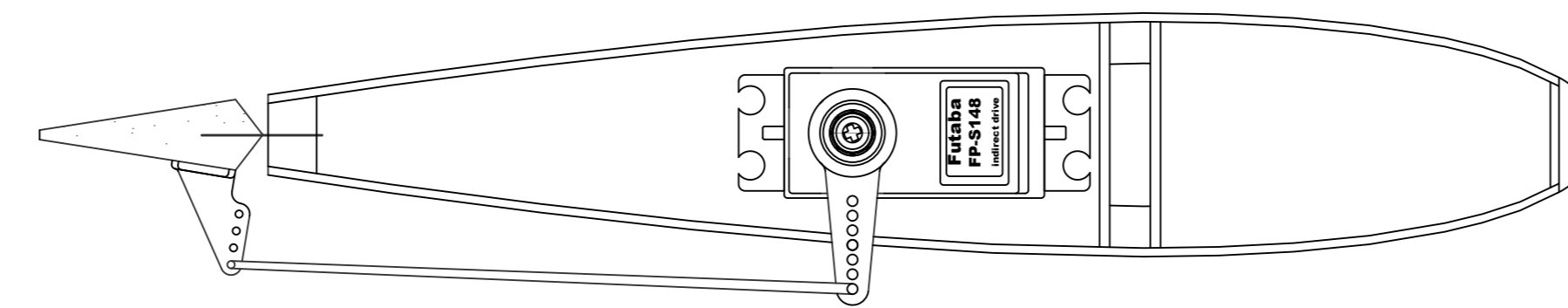
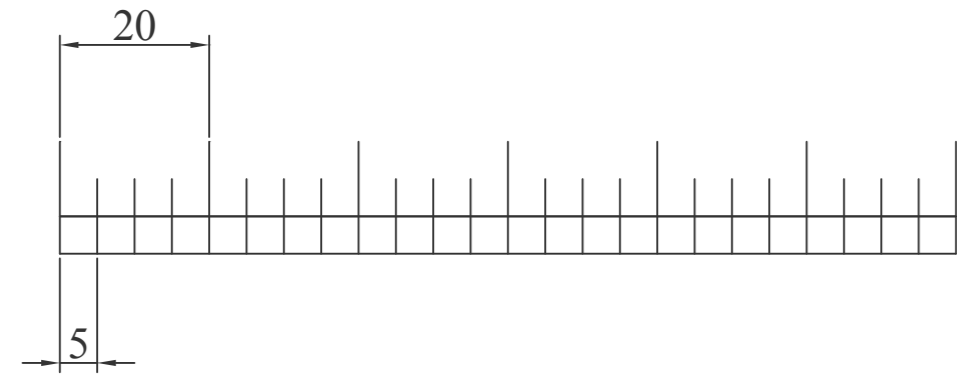


Ailerons, operate with a servo in each wing.

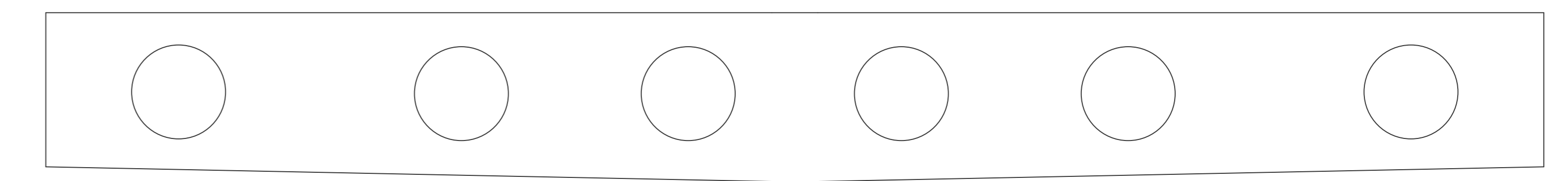
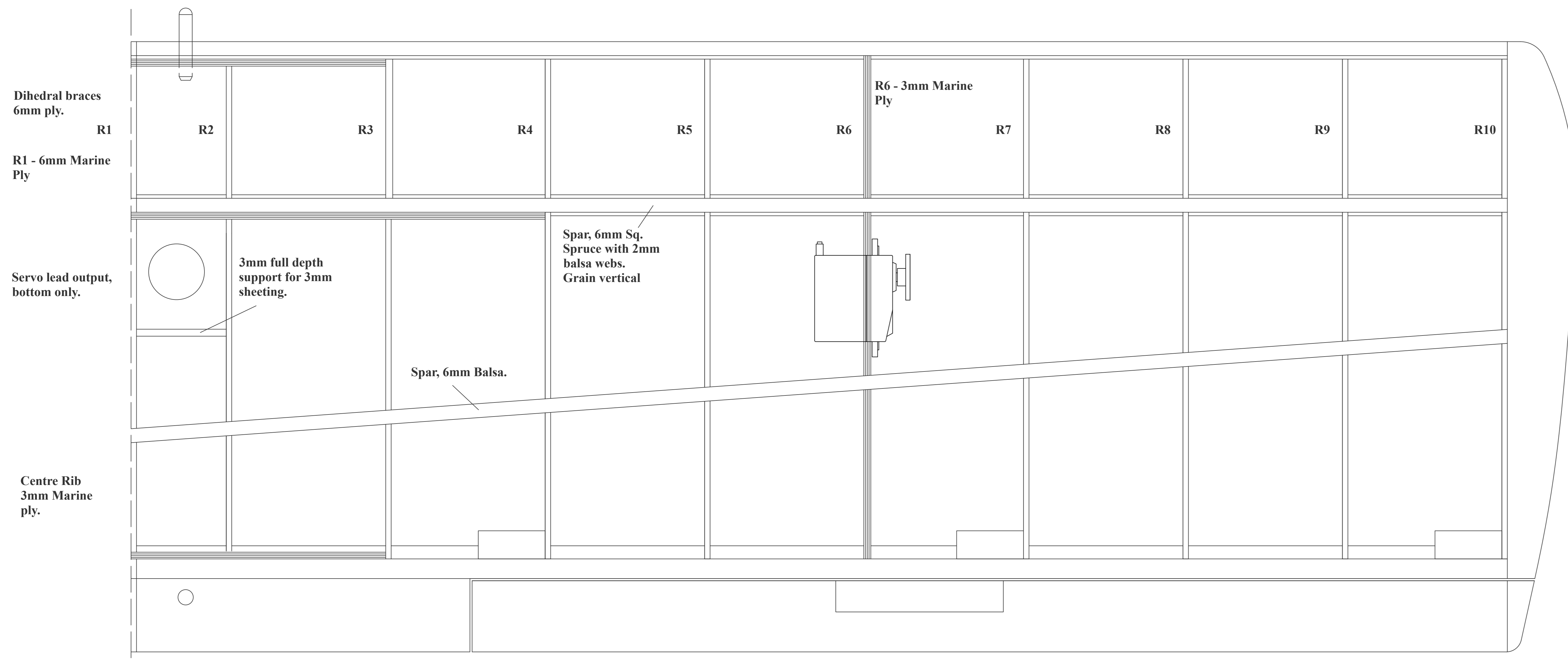
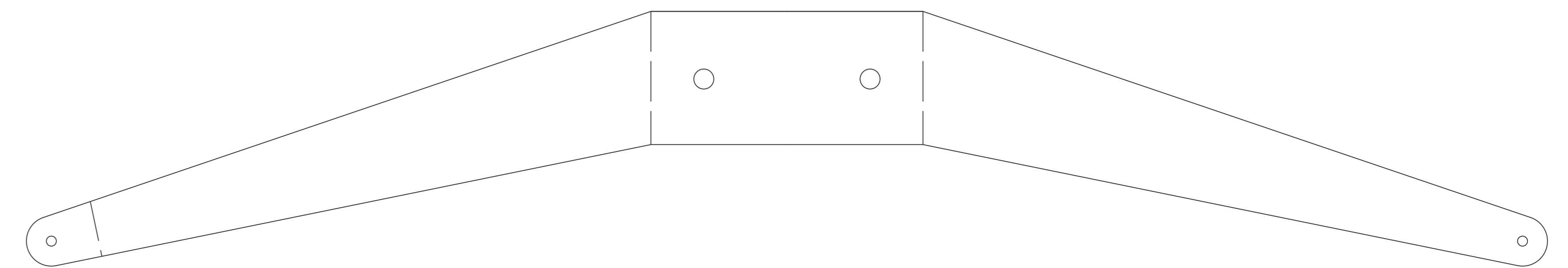
3mm Hardwood inserts for Aileron  
Horns

Lightening holes  
optional.

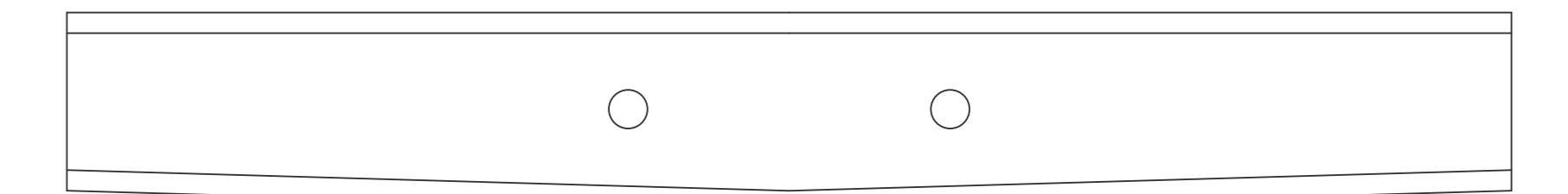
Holes for Servo leads in ribs 2 - 6.



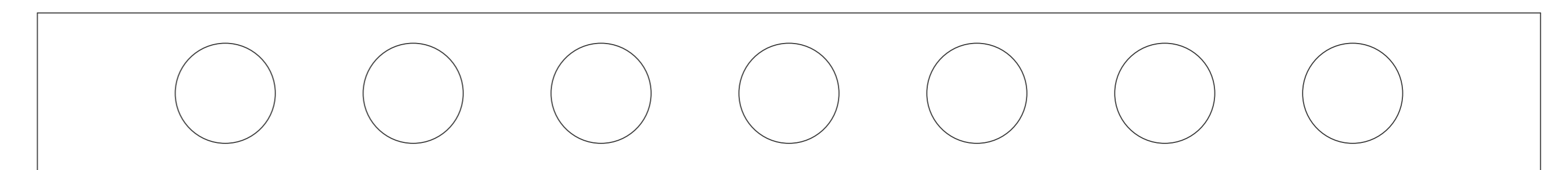
Full development of u/c 3mm Dural, or use a commercial unit.  
Use 75mm balloon wheels & 340mm track. Fit to fuselage with 2  
x M6 Nylon screws. See Carboncopy UK.



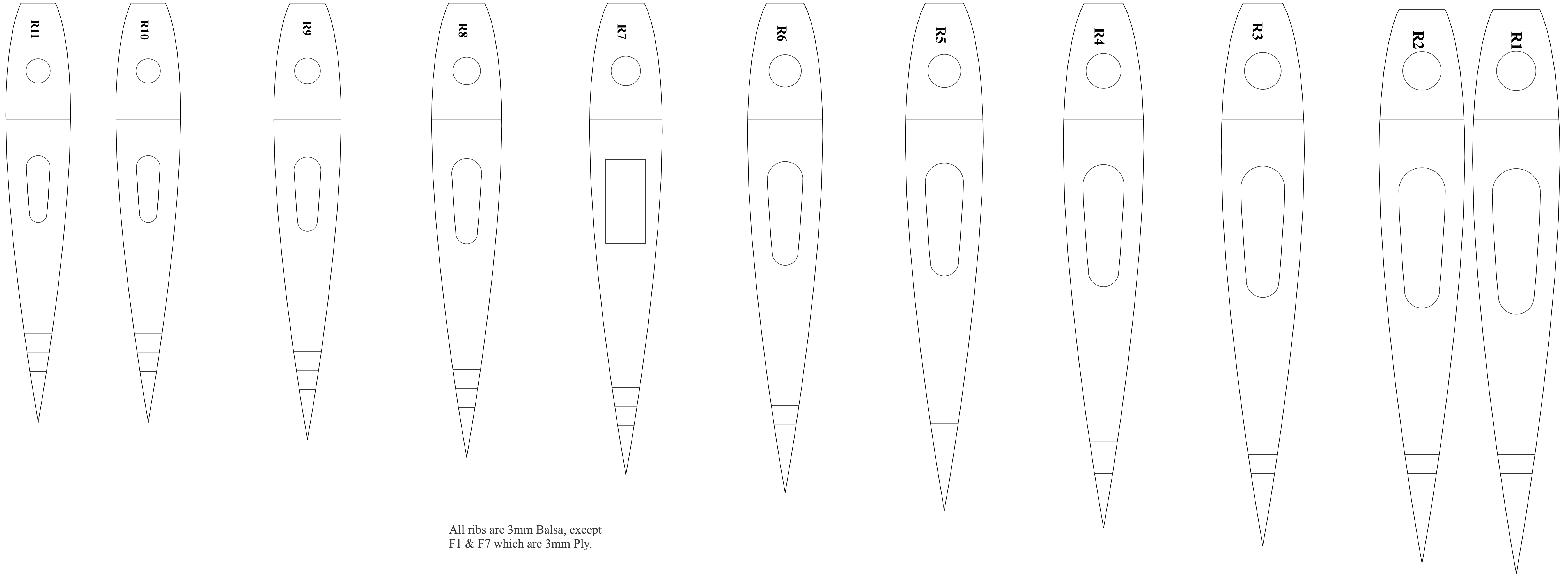
Block Tips



Spar for Parallel Wing.  
3mm Marine Ply.



Two wing versions are shown, Taper & Parallel, Left & Right Hand panels are mirror images .  
Ailerons can be cut from balsa u/e section or "built up"



All ribs are 3mm Balsa, except  
F1 & F7 which are 3mm Ply.