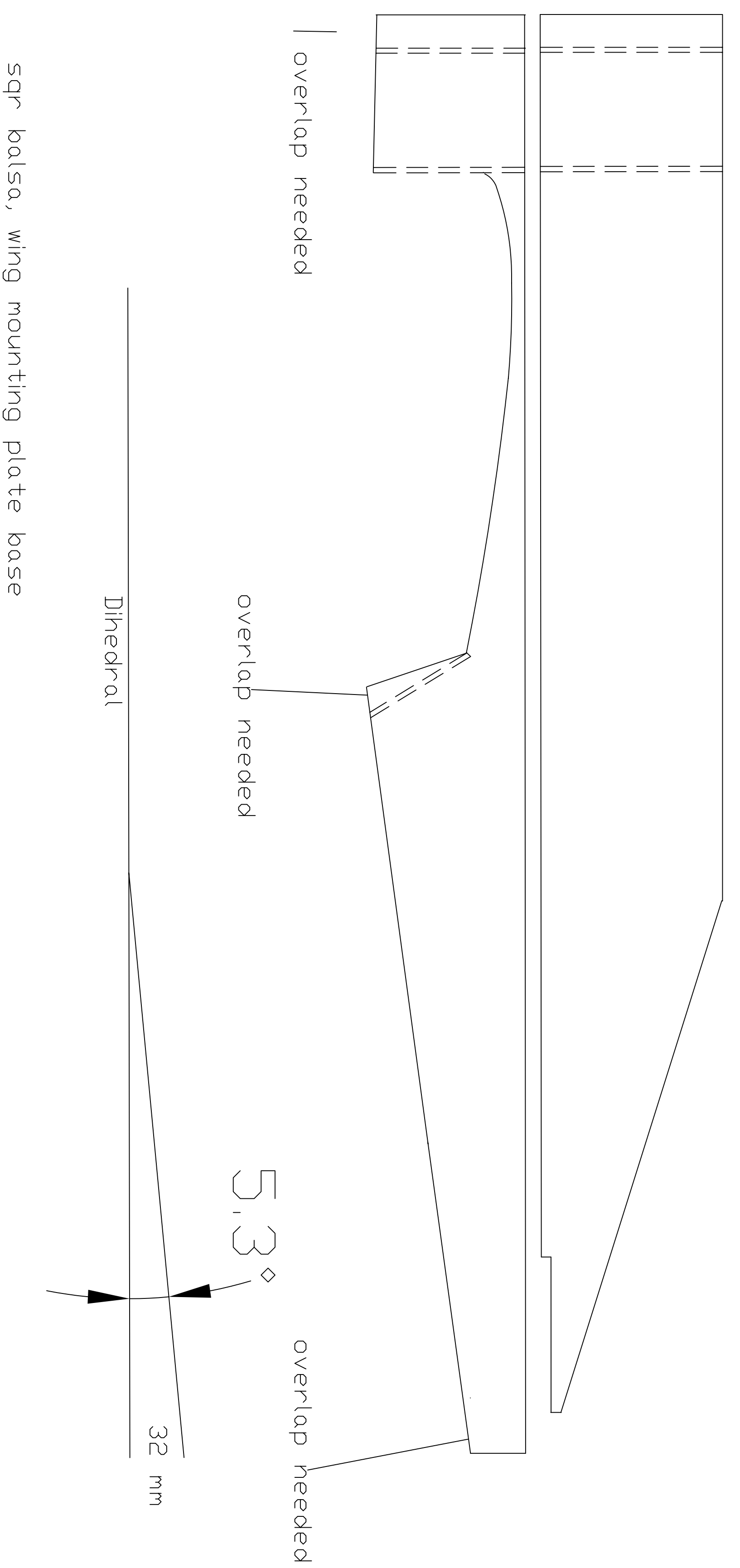


leave tip underside unbeveled until the tip is rounded



sqr balsa, wing mounting plate base

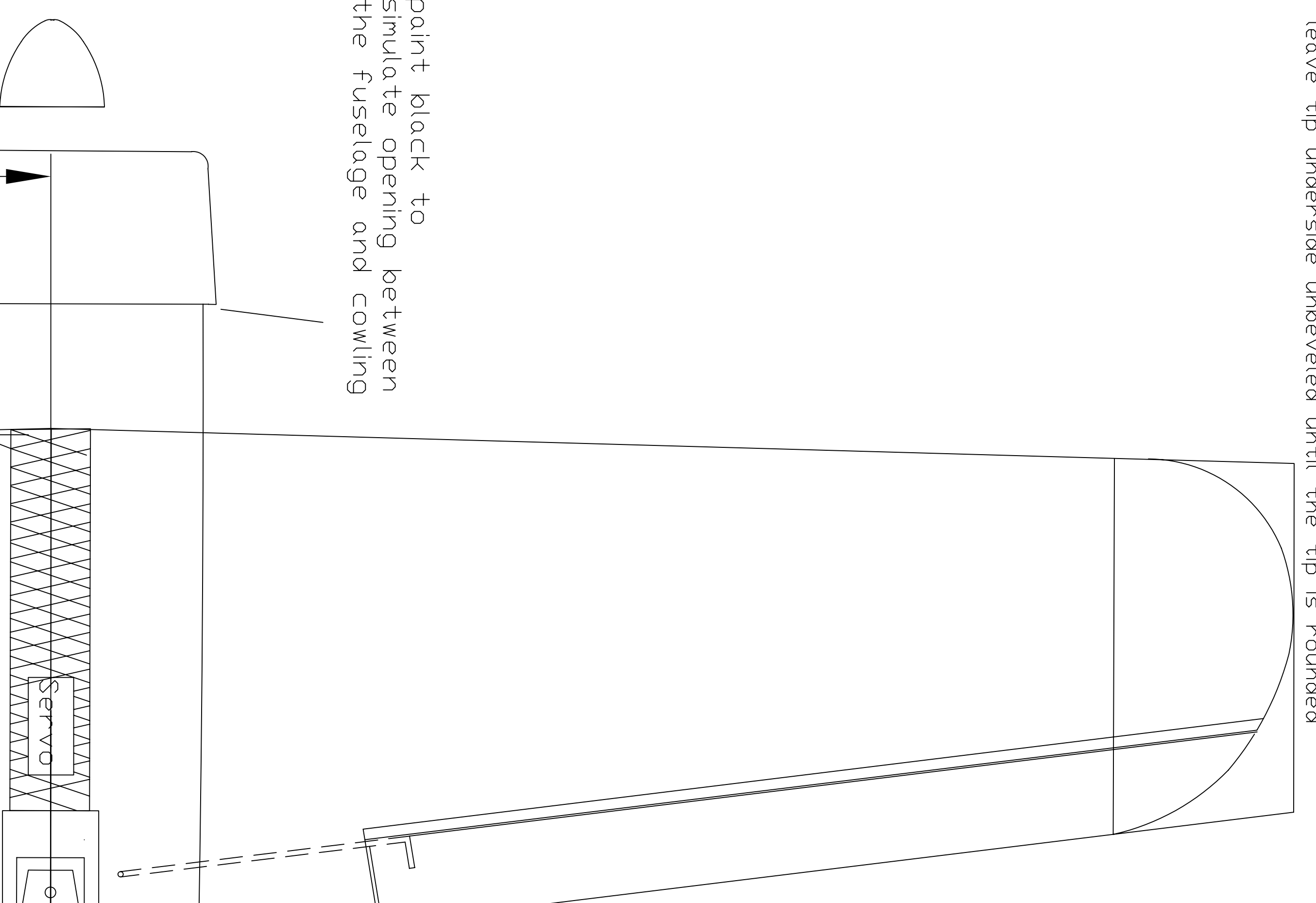
Dihedral

5.3°

32 mm

paint black to simulate opening between the fuselage and cowling

Fibreglass



Servo

346

cowling can be made either from a block of balsa, which has a hole bored into it, or by laminating 1/16 balsa around some round mold by using cyanoacrylate

If made by laminating, make sure the grains are NOT going in the same direction between layers. Cutting balsa with a slight angle enables them to cross each other which is necessary to create a strong cowling

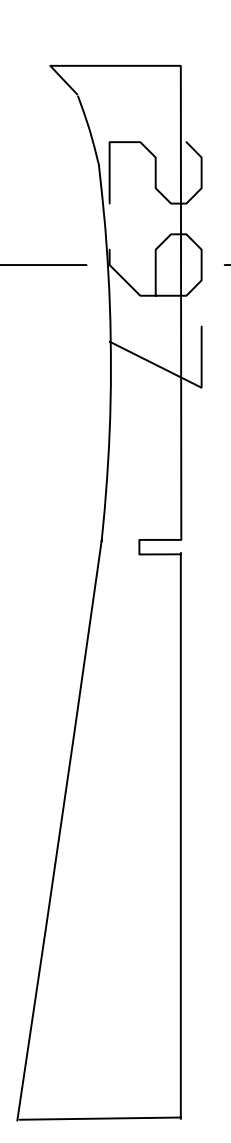
97

148

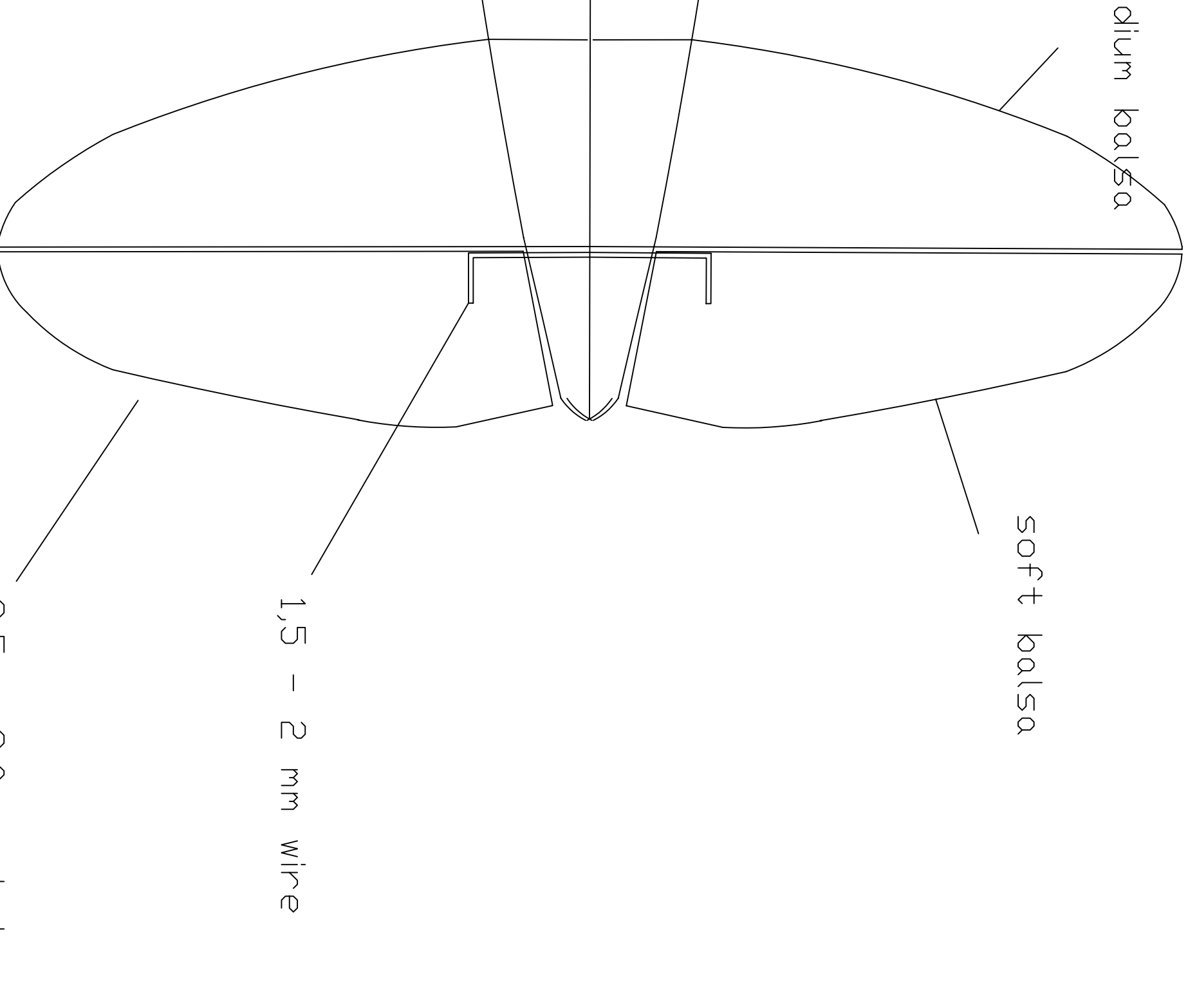
7

add thin fibreglass reinforcement to nose and belly

Wing saddle doubler 1.5 mm balsa
move the front end of battery on top of the motor for balance if necessary



Allenbrn torque rod
1.5 mm metal wire



medium balsa

Wing mounting plate

soft balsa

1.5 - 2 mm wire

2.5 - 3.0 mm balsa

Nylon nut, epoxied in place

5 mm, soft balsa

10 mm sq. balsa

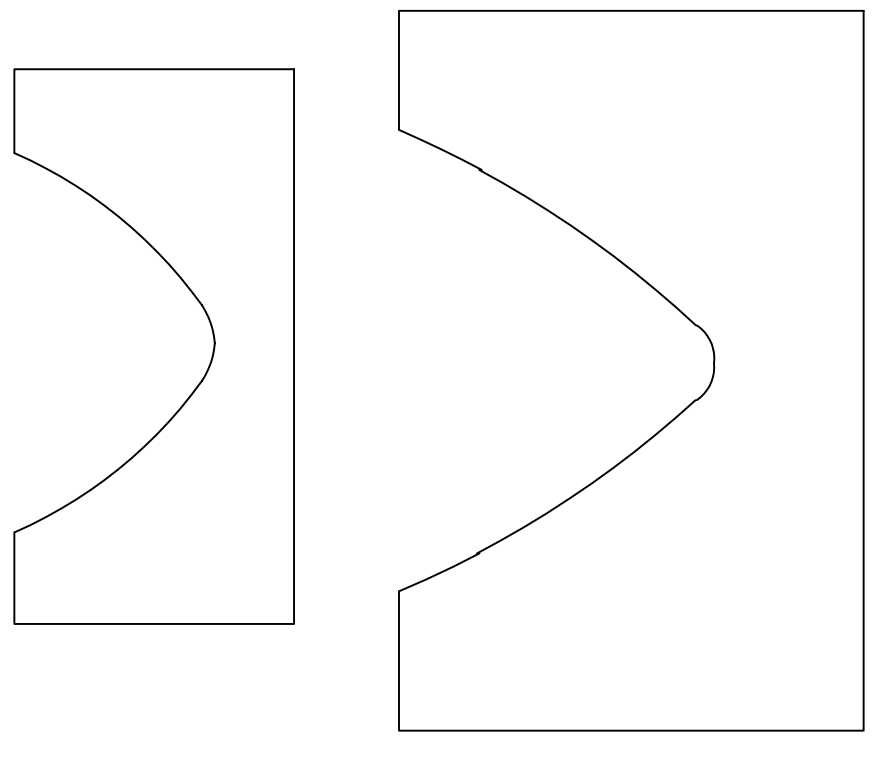
scrab balsa

scrab balsa

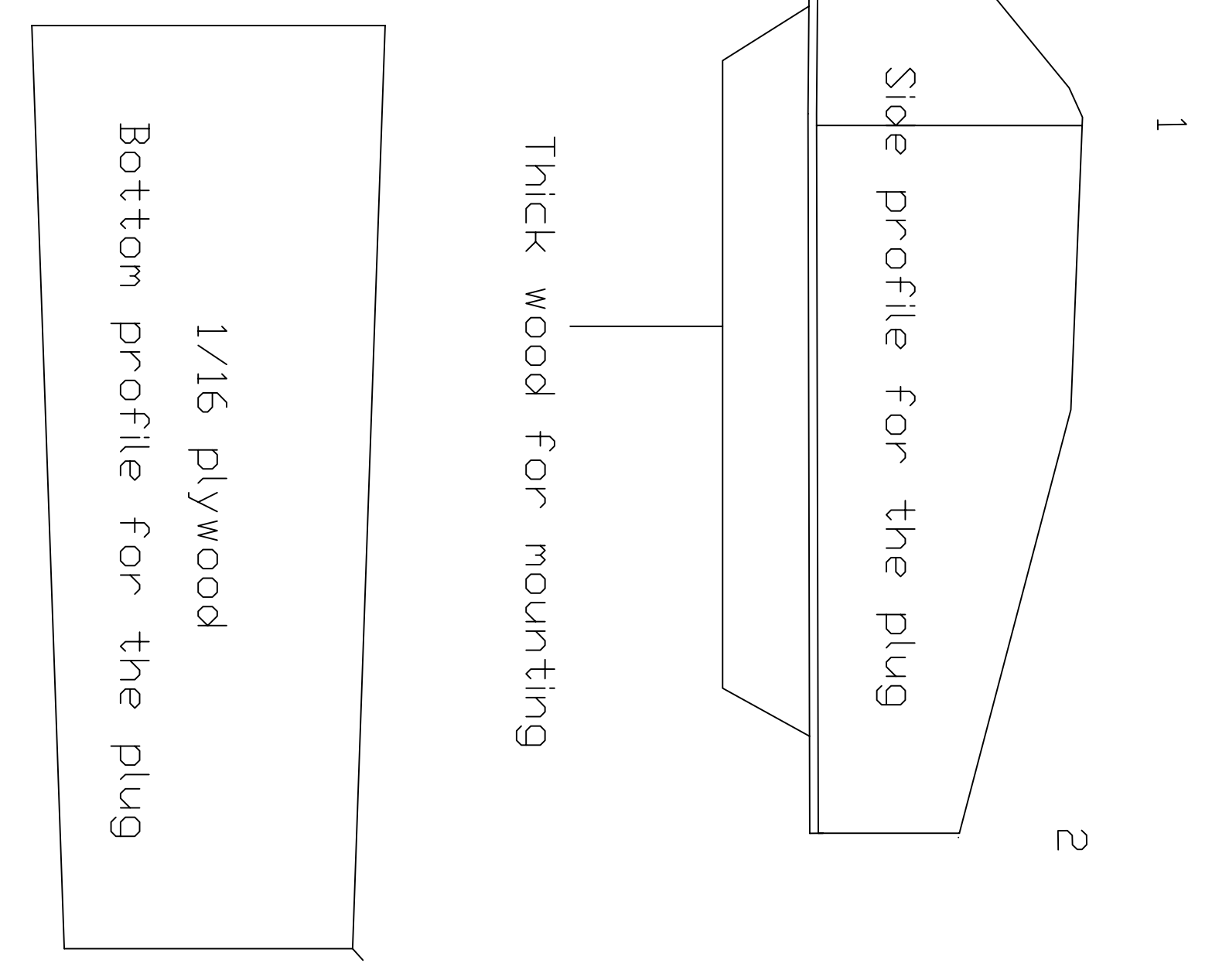
1.5 mm plywood plate

make skin sheeting from multiple strips to help follow the curves of the fuselage

Canopy plug
profile 1



Canopy plug
pofile 2



Side profile for the plug

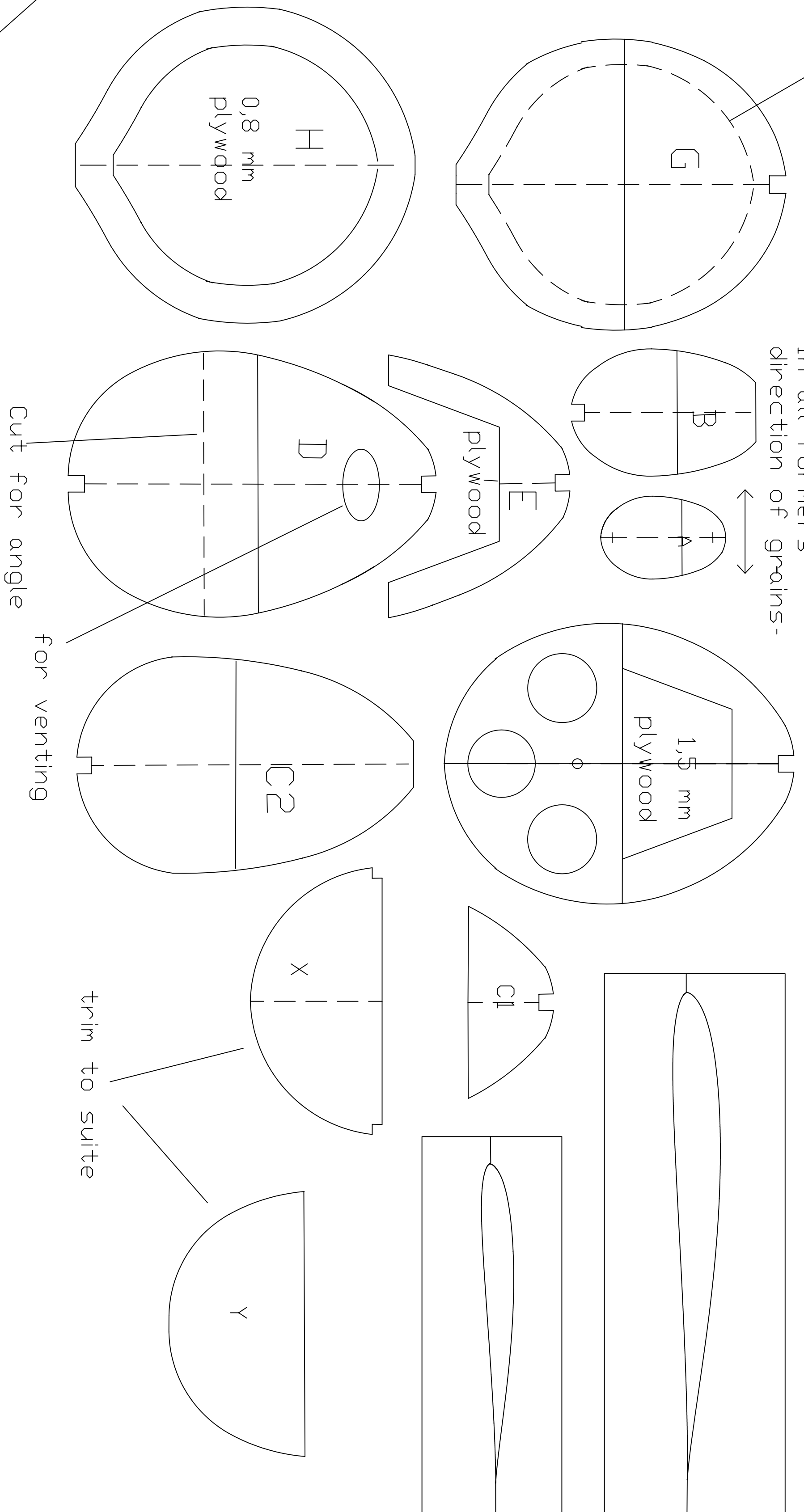
Thick wood for mounting

1/16 plywood

Bottom profile for the plug

All formers 1.5 mm balsa, unless otherwise mentioned

Cut after the cowling has been glued in place
In all formers
direction of grains-



0.8 mm plywood

plywood

1.5 mm plywood

Cut for angle

for venting

trim to suite

Block of balsa sand to shape hollow inside

Brewster, Model 239
Designed: Marko Terävä
Specification
Wing span: 692 mm
Length: 540 mm
Weight: 500 gr.
Channels 3
1 degree washout for wing
Wing profile: SD5060