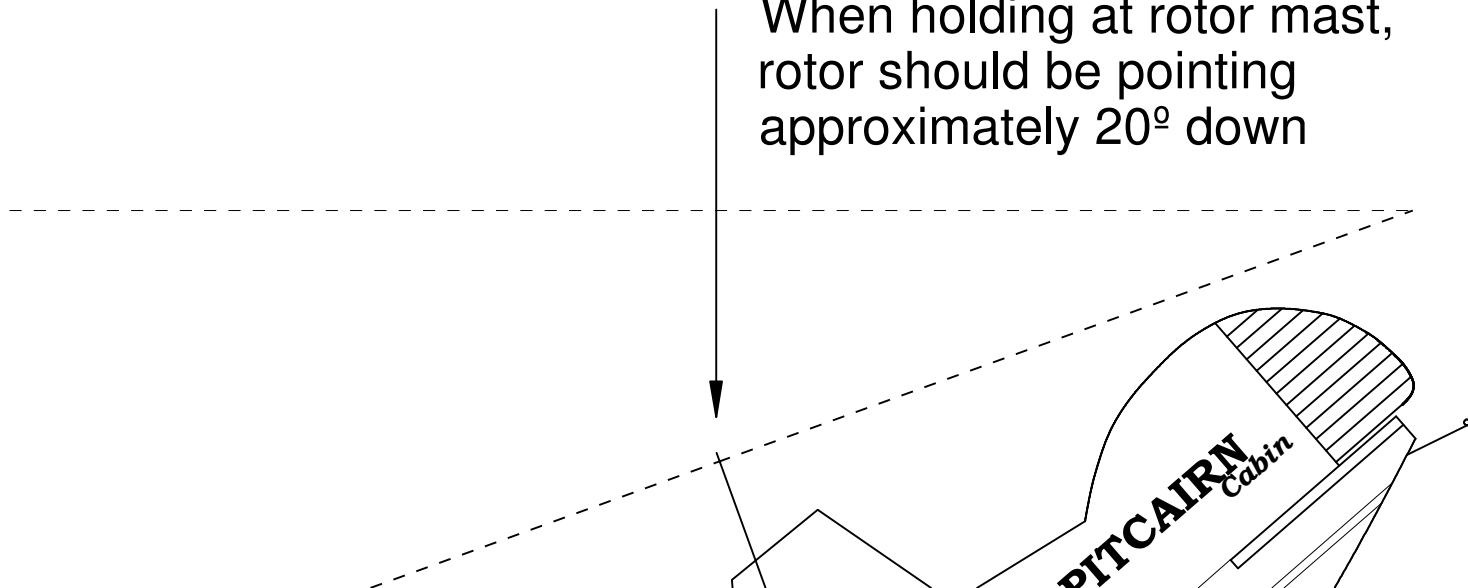


Balance:

When holding at rotor mast,
rotor should be pointing
approximately 20° down



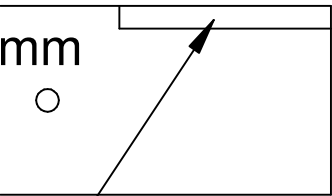
Rotor hub, 1



Balsa 3

Balsa 3

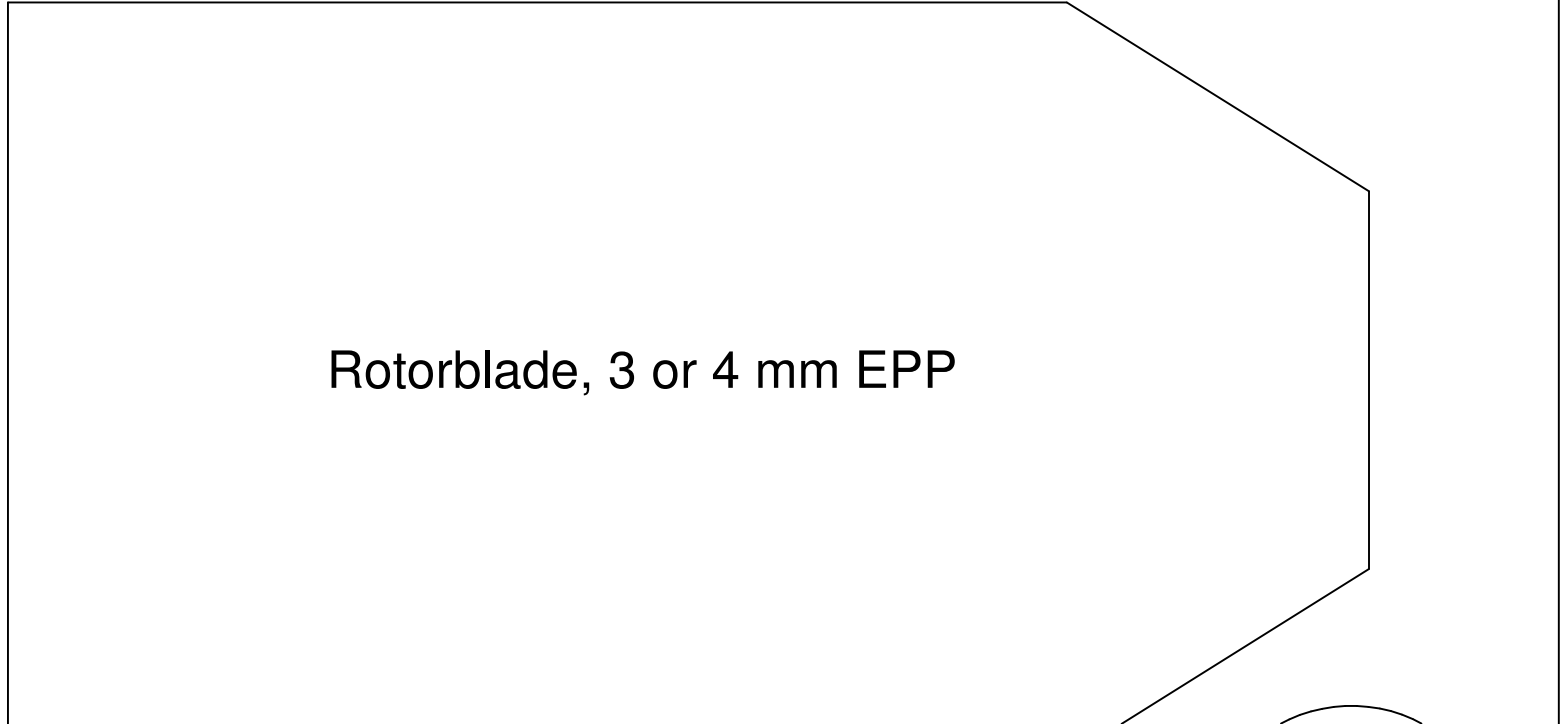
top view

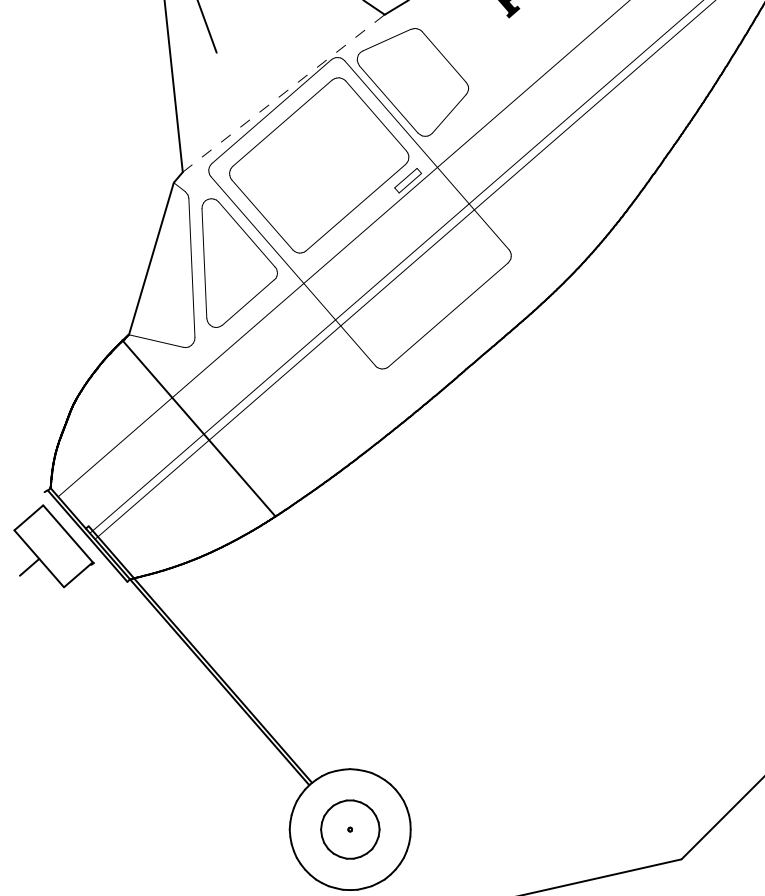
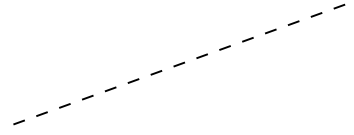


mm

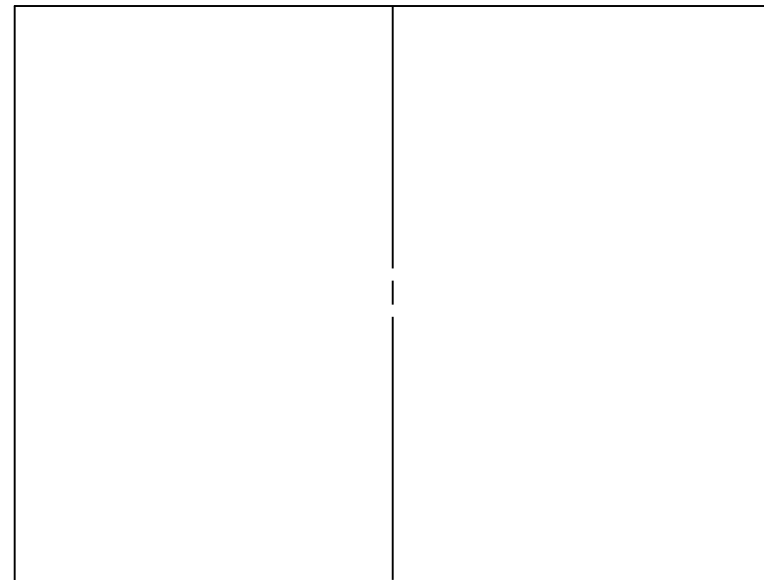
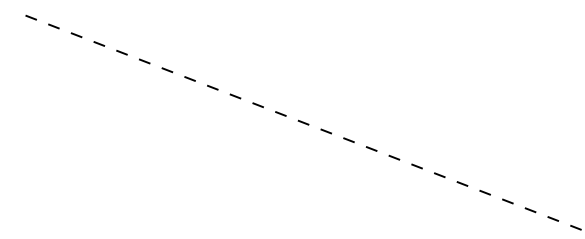
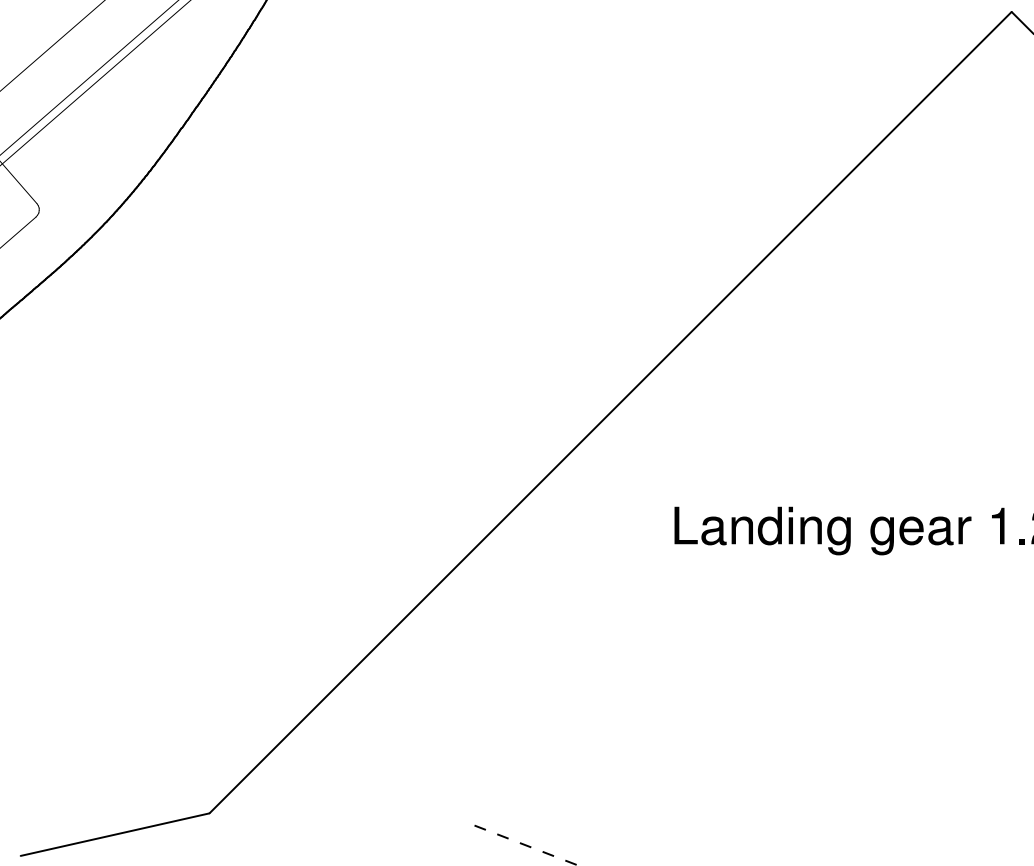
mm x 3 mm x 28 mm

Rotorblade, 3 or 4 mm EPP

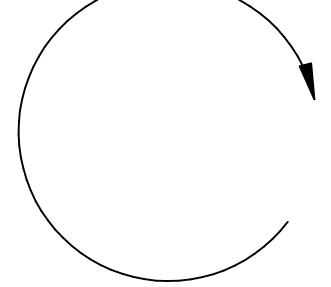




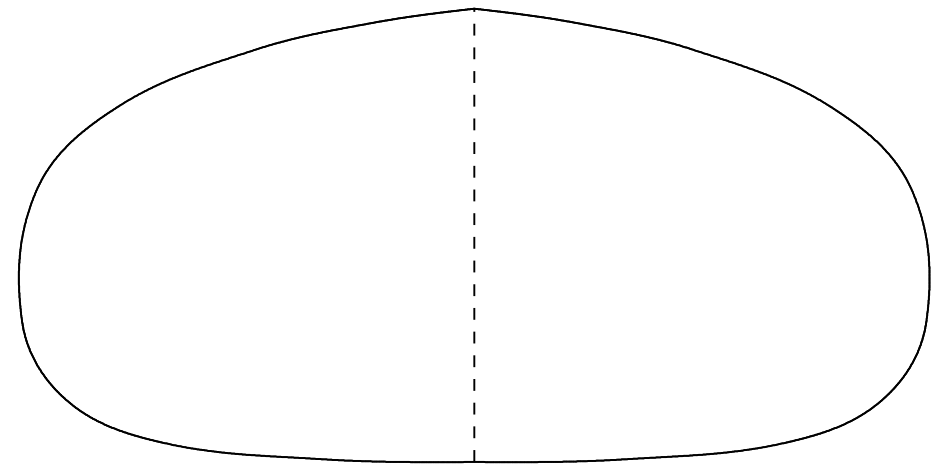
Landing gear 1.



Ensure that the 3 mm x 3 mm balsa strips are positioned bottom left and top right when viewed from above. ROTOR MUST ROTATE CLOCKWISE WHEN VIEWED FROM ABOVE! Bearing is plastic tube, 2 mm inside dia. Tube is 12 mm long and protrudes 2 mm below hub.

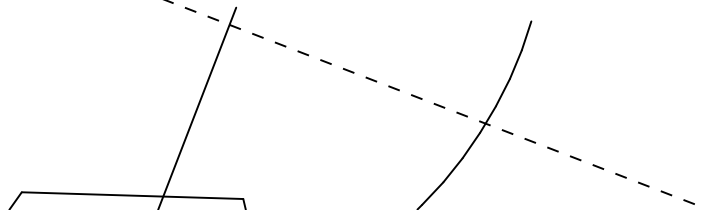


2 mm piano wire

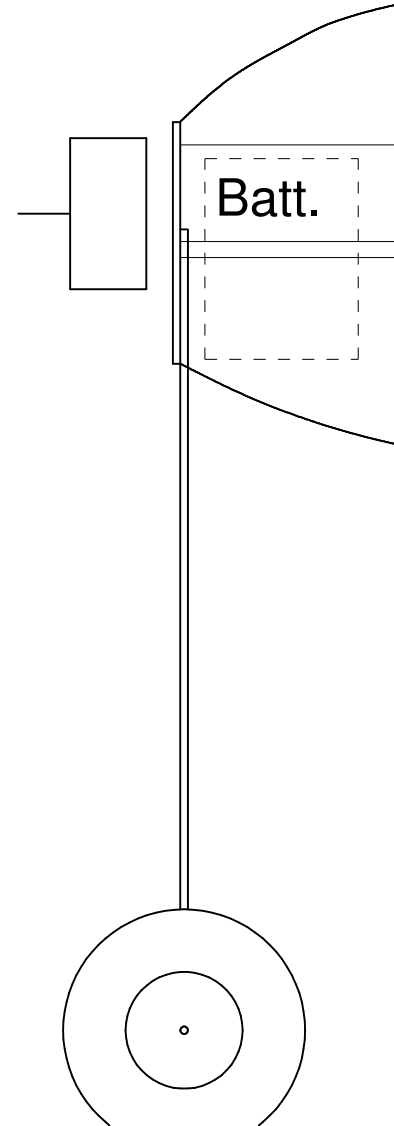
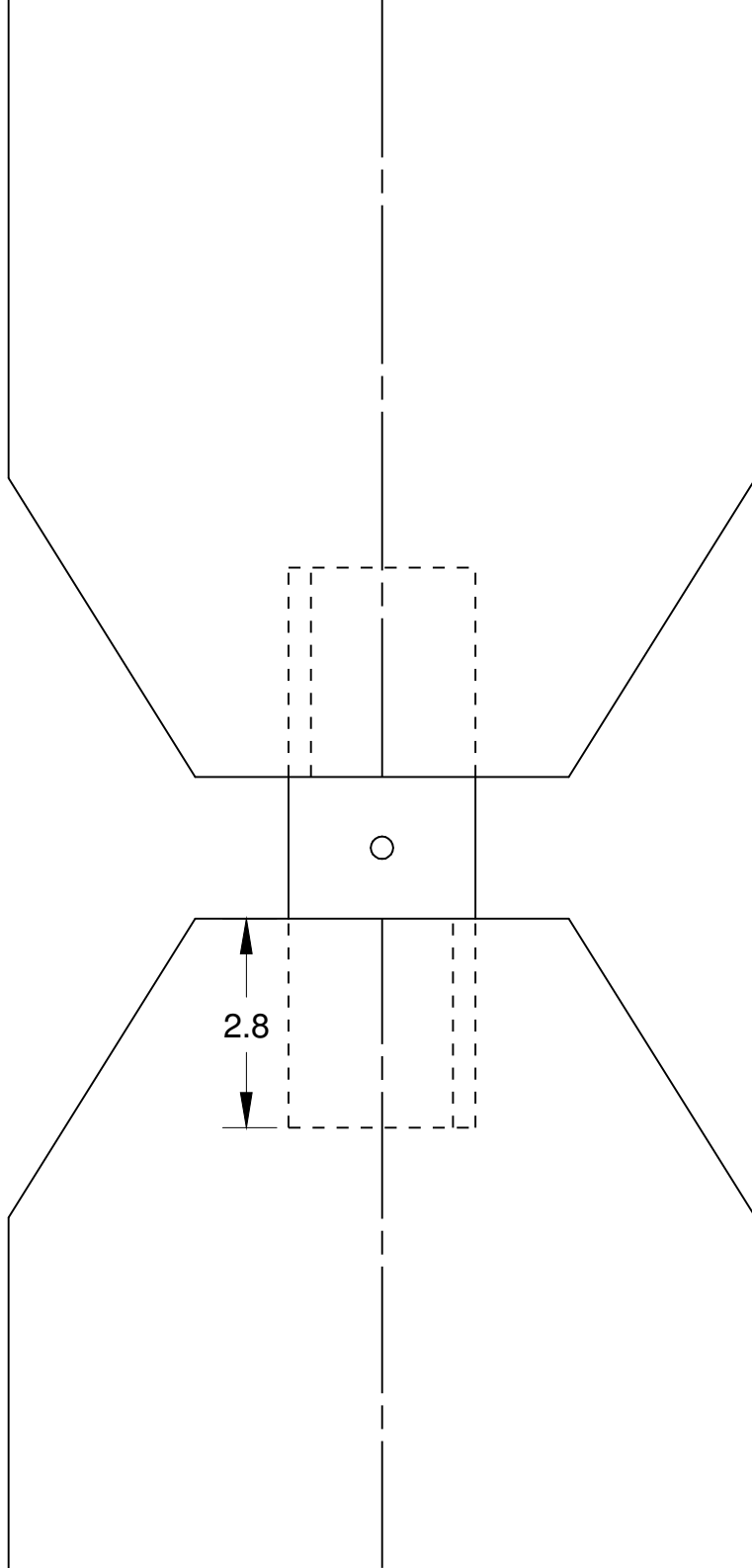


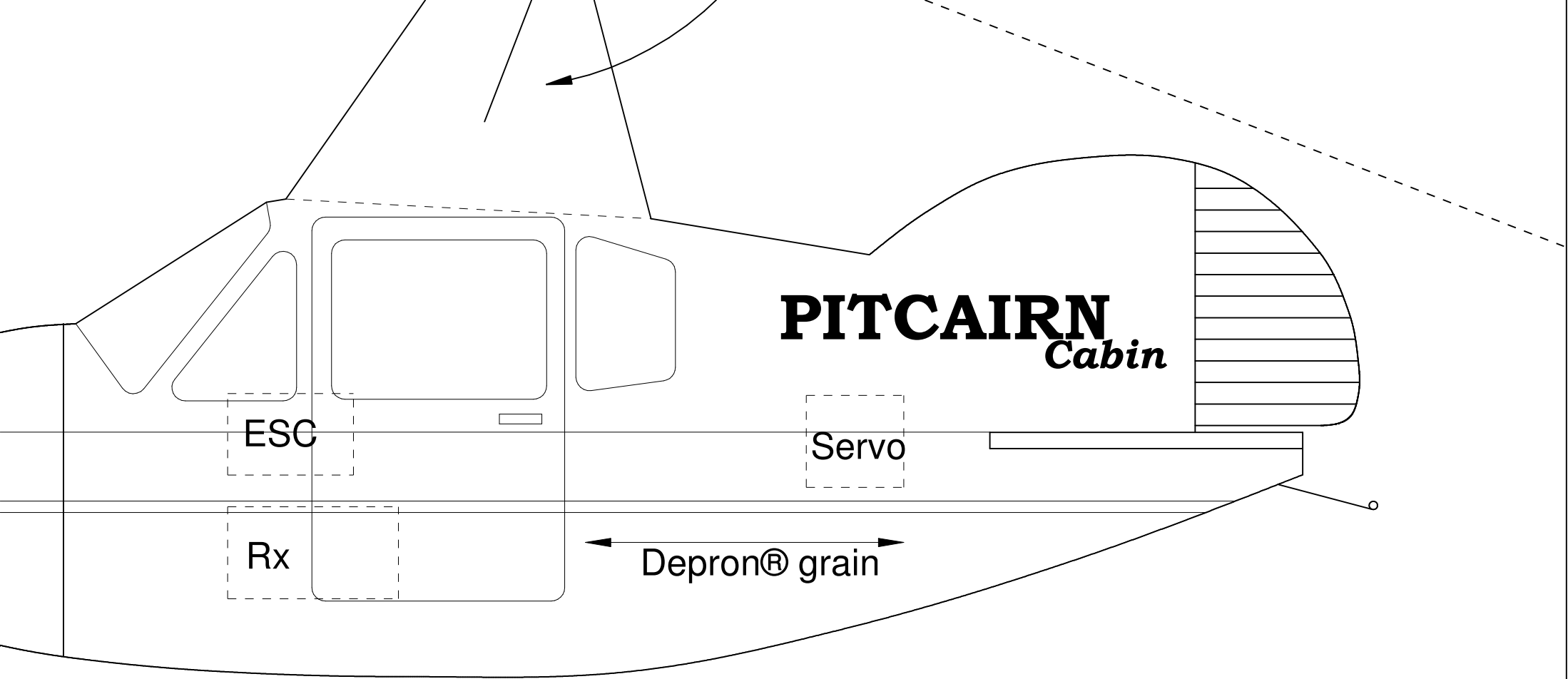
Stabiliser (May be omitted. In that case do not cut slot in fuselage!)

Glue Rotor mast to left side of fuselage!

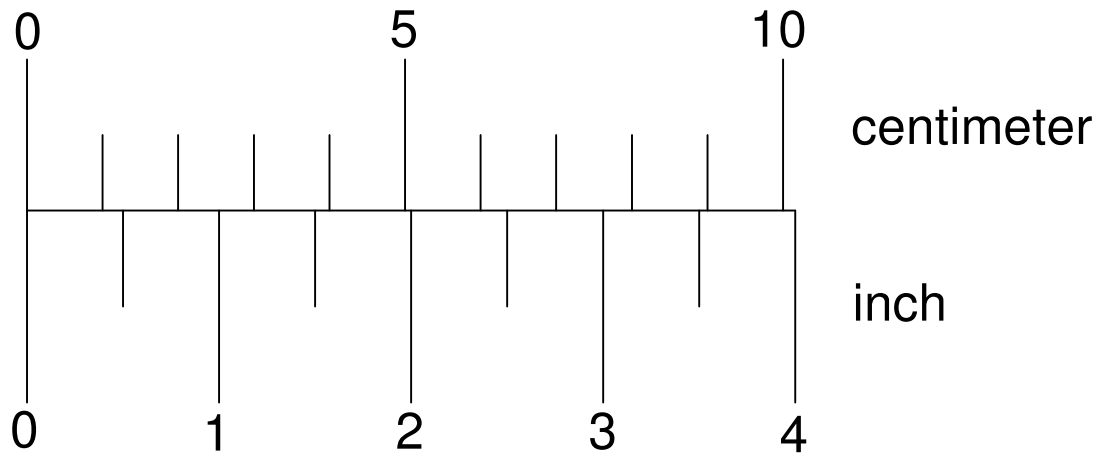


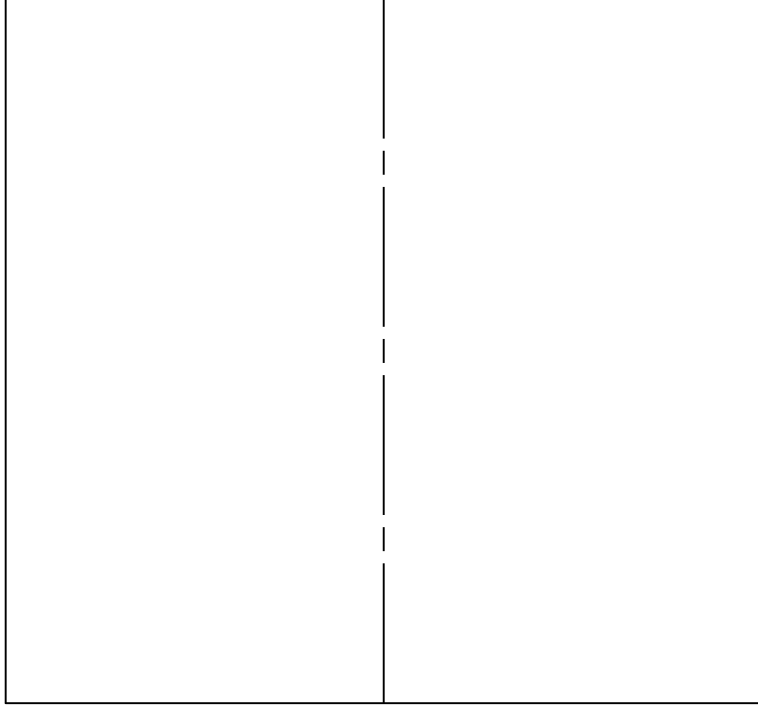
Motor: 7 grams outrunner
Battery: 2S250 - 2S300
Servo: 3.7 g or 4.8 g
Use lightest equipment possible!





Rudder deflection: 1 cm each way,
with 75% exponential or 5 mm each
way when no expo available.
Rudder is very powerful!





Motormount 1 mm plywood

Micro Pitcairn Cabin

A small, easy to build and very easy to fly autogyro with an extremely high fun factor. 2 Ch. required (throttle and rudder). Target weight approximately 65 grams ready to fly.

Based on a design by Al Foot

Drawing: Willem Bravenboer

© Willem Bravenboer

REVISION V 2.0 2009-03-02