

Suggested rotor blade lengths:

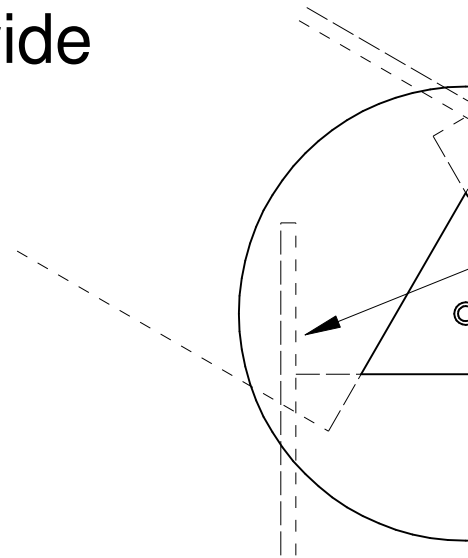
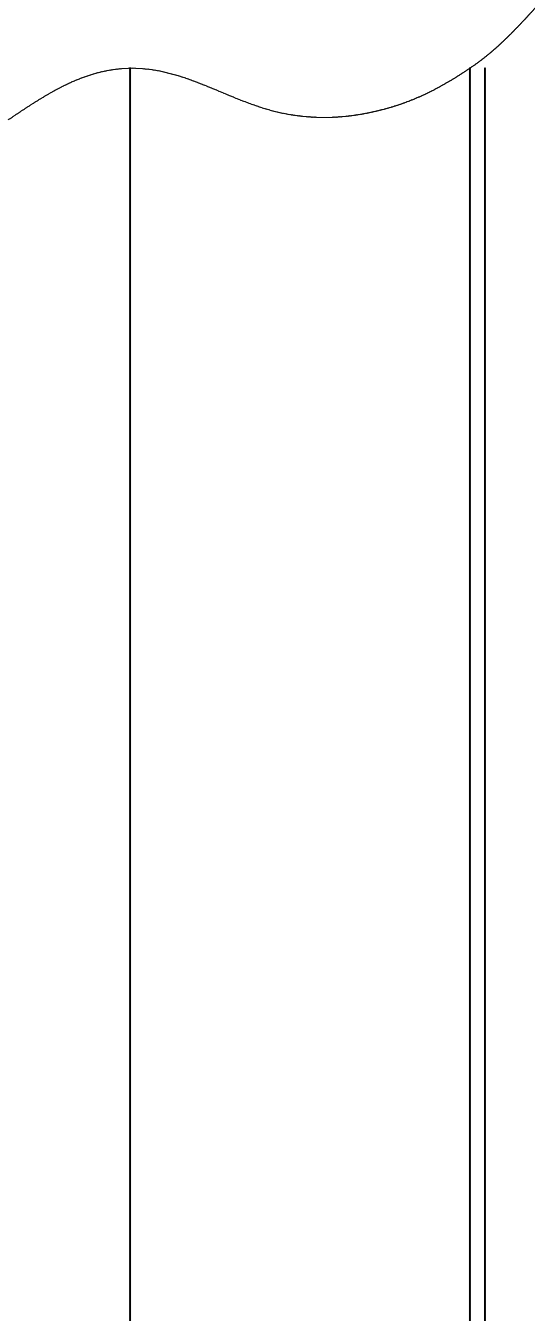
2-blade rotor: 480 mm

3-blade rotor: 300 mm

All rotor blades 3 mm depron®

All rotor blades are 45 mm wide

Start with 3-blade rotor



Hub bl
3-blad
Top vi

Motor: 25 grams o

Prop: 8"-9" GWS S

ESC: 10A-12A

Battery: 2S360 - 2

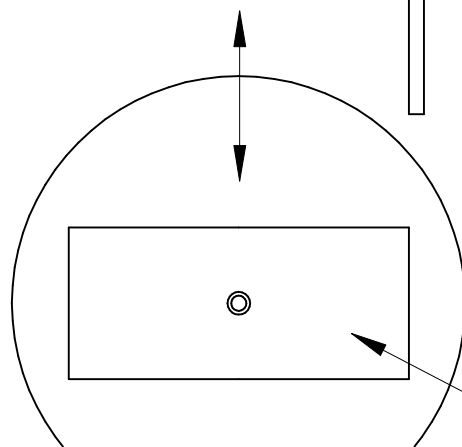
Servo: rotor tilt: 9 g

1300KV Blue Wom
on 2S 460 and 9/4
used on prototypes

Rotor blade LE is 2 mm c
rod glued and taped to de

Depron® 3mm, 10 mm s
Put UNDER rotor blade!

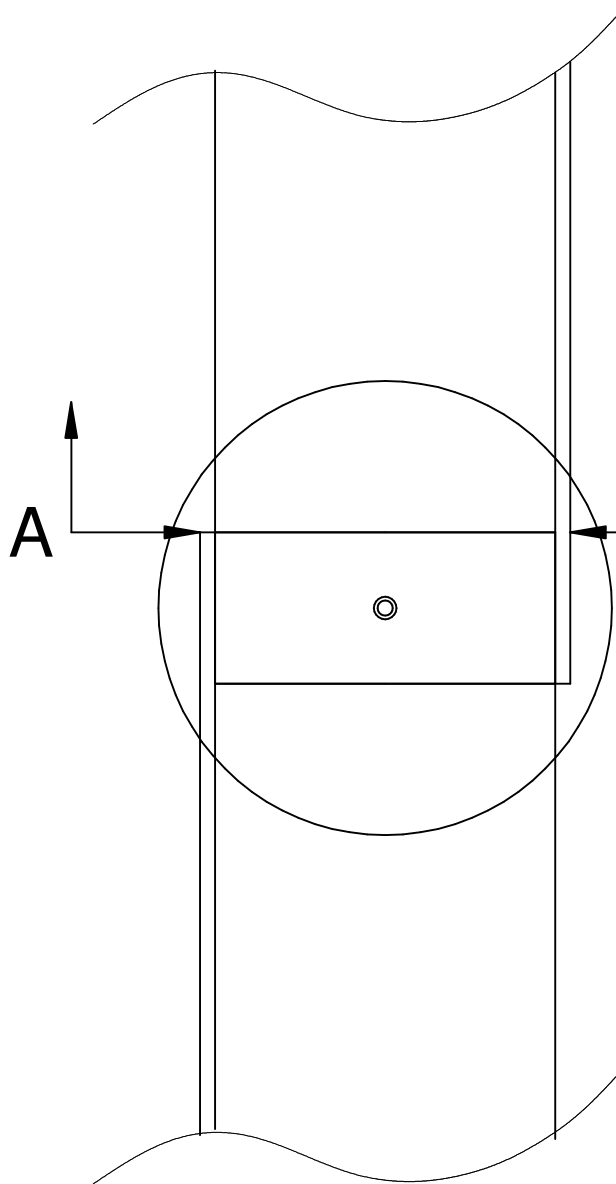
Carbon rod needs to st
20 mm to get more glue



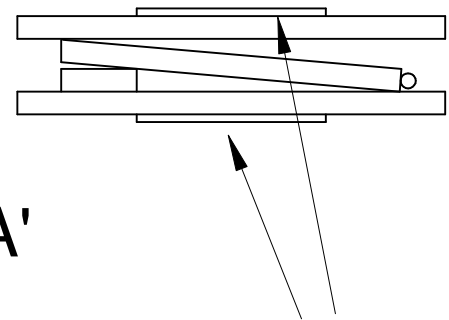
For 6 blade rotor, hub

For 2-blade rotor, hub diameter is 45 mm x 20 mm
Thickness is approx. 7 mm

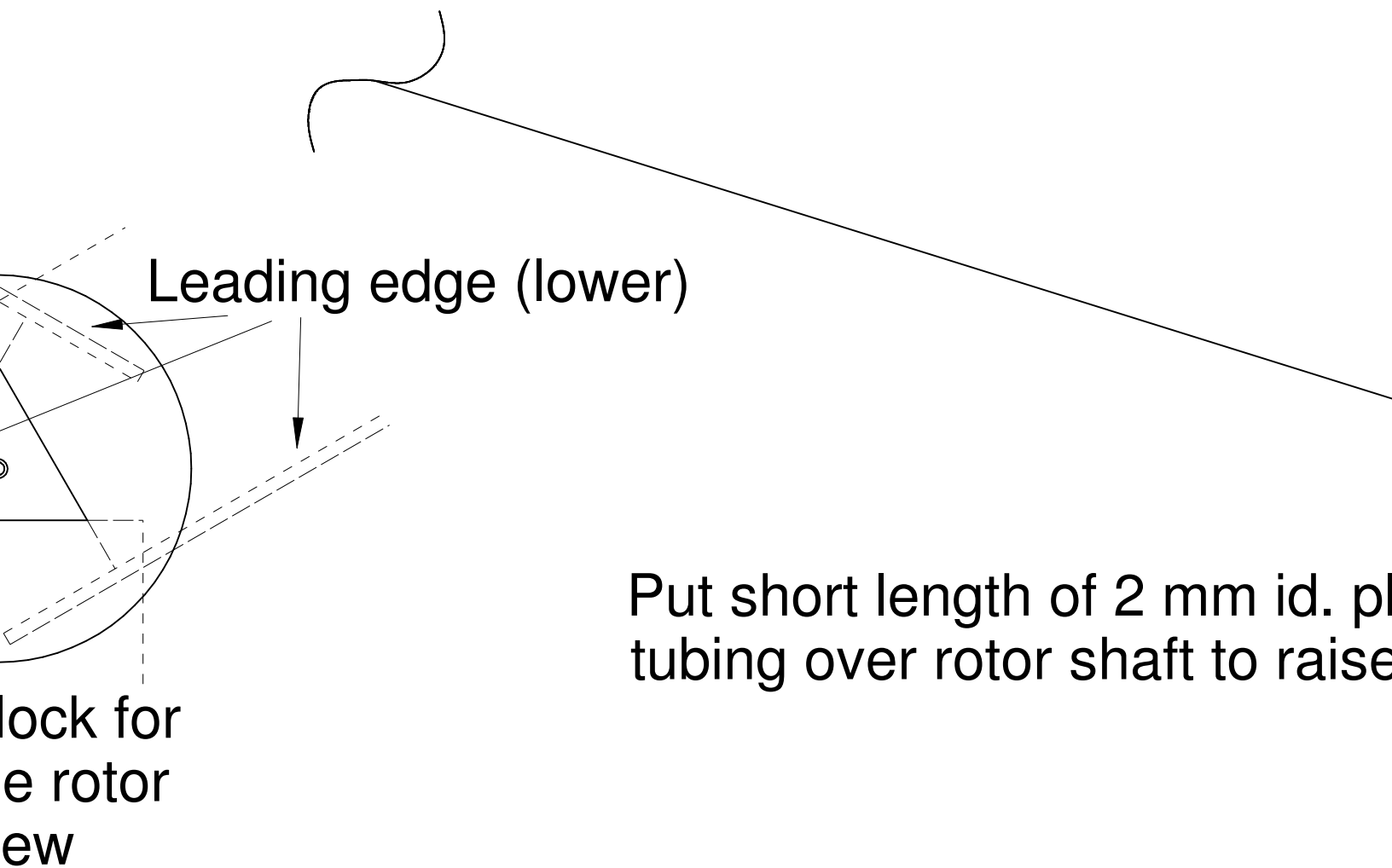
Hub disks are 3 mm diameter
Make two



View A-A'



Glue 1 mm plywood disk (2.5 cm dia.) on bottom and top of rotor hub for reinforcement



utrunner, 1300-1500 kv
Slow Fly

S500
grams, rudder & elevator 6 grams

der motor
4.7 prop was
s

Firewall to suit motor mount

Battery

ESC

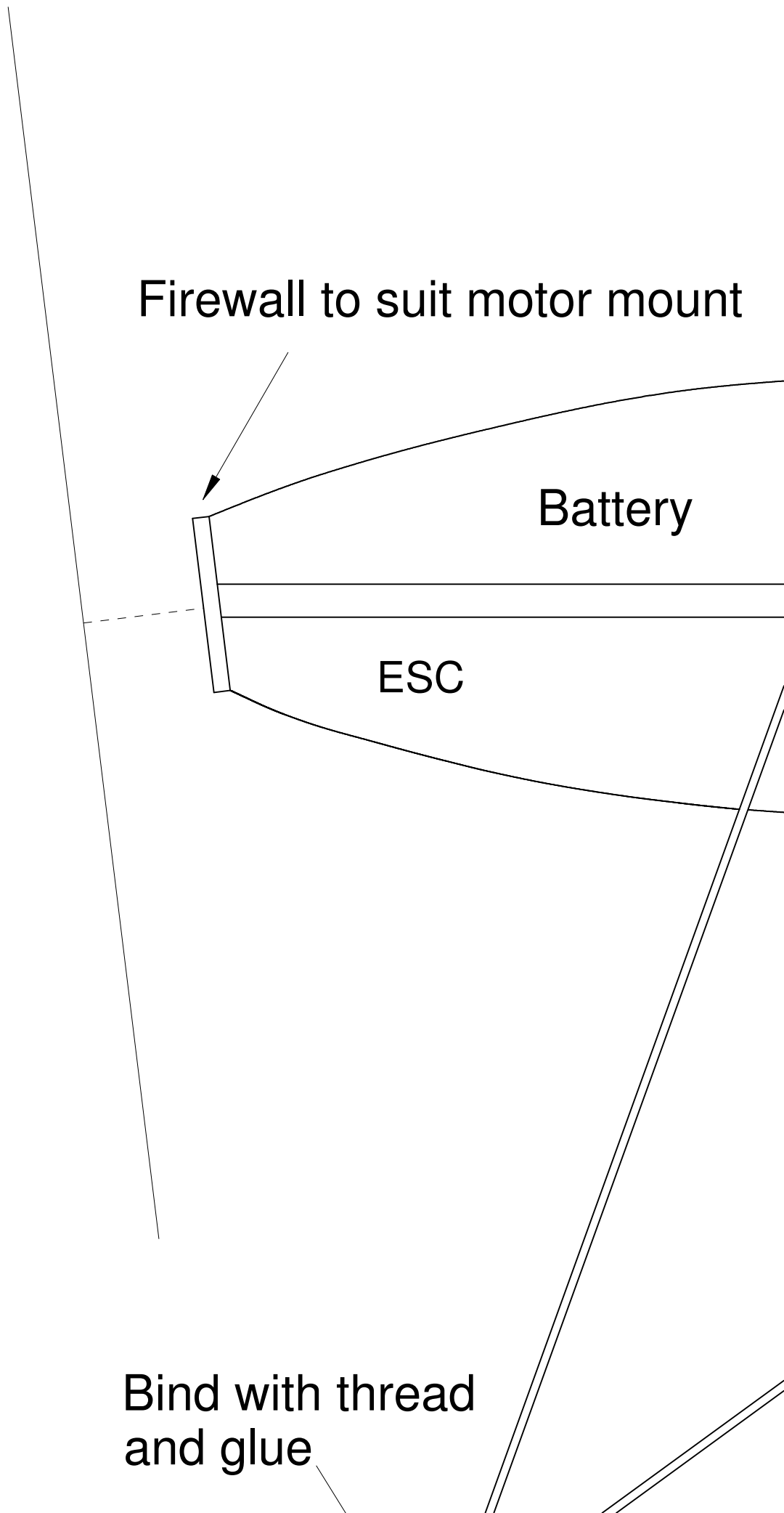
carbon
epron

quare blade shim

ick out
eing area

Bind with thread
and glue

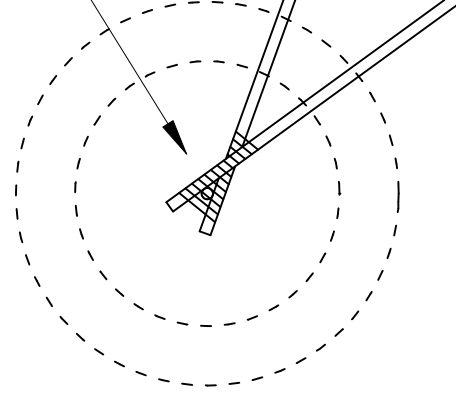
enter block



center block

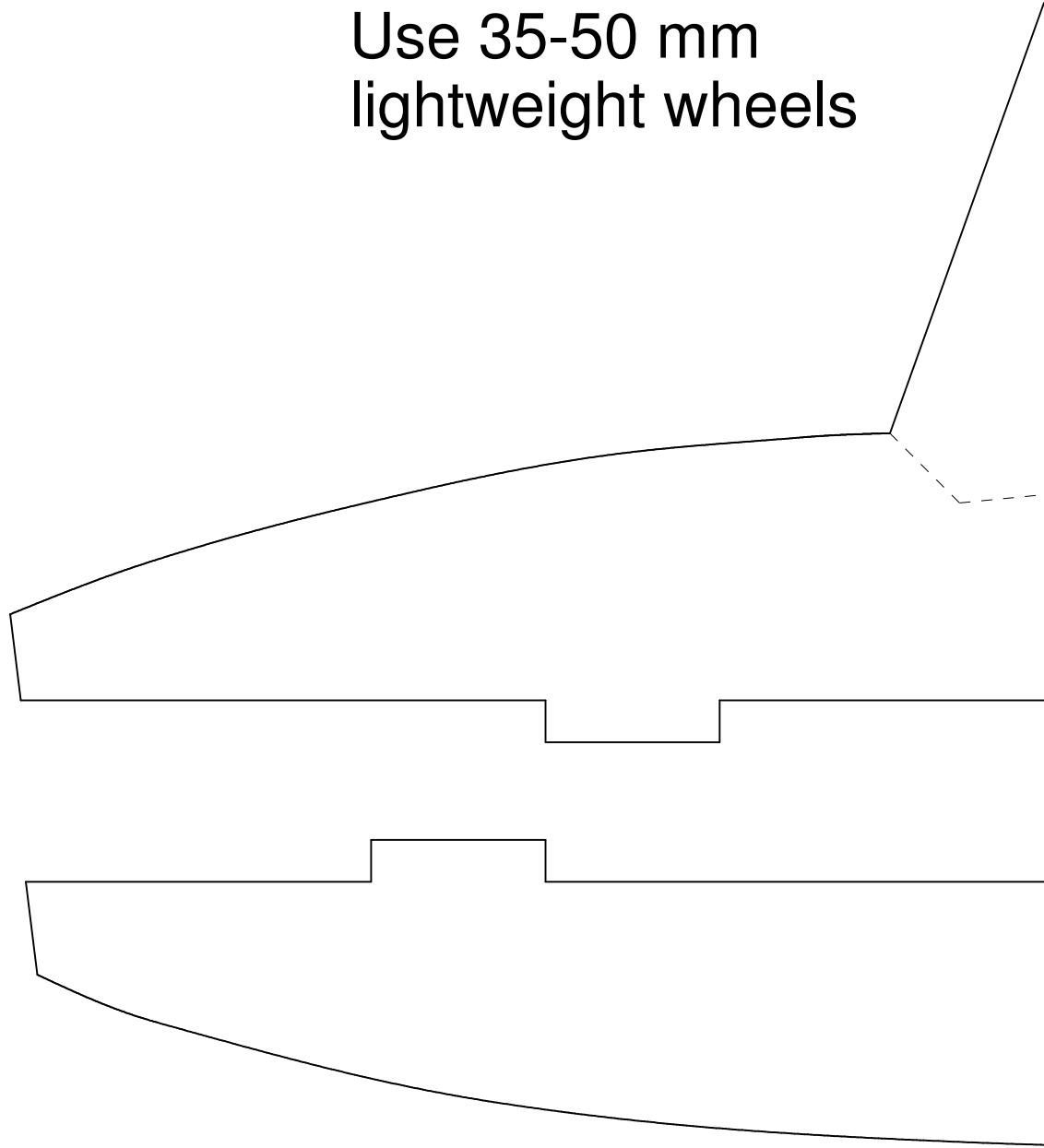
mm

pron.



Use 35-50 mm
lightweight wheels

disks
om and
reinforcement



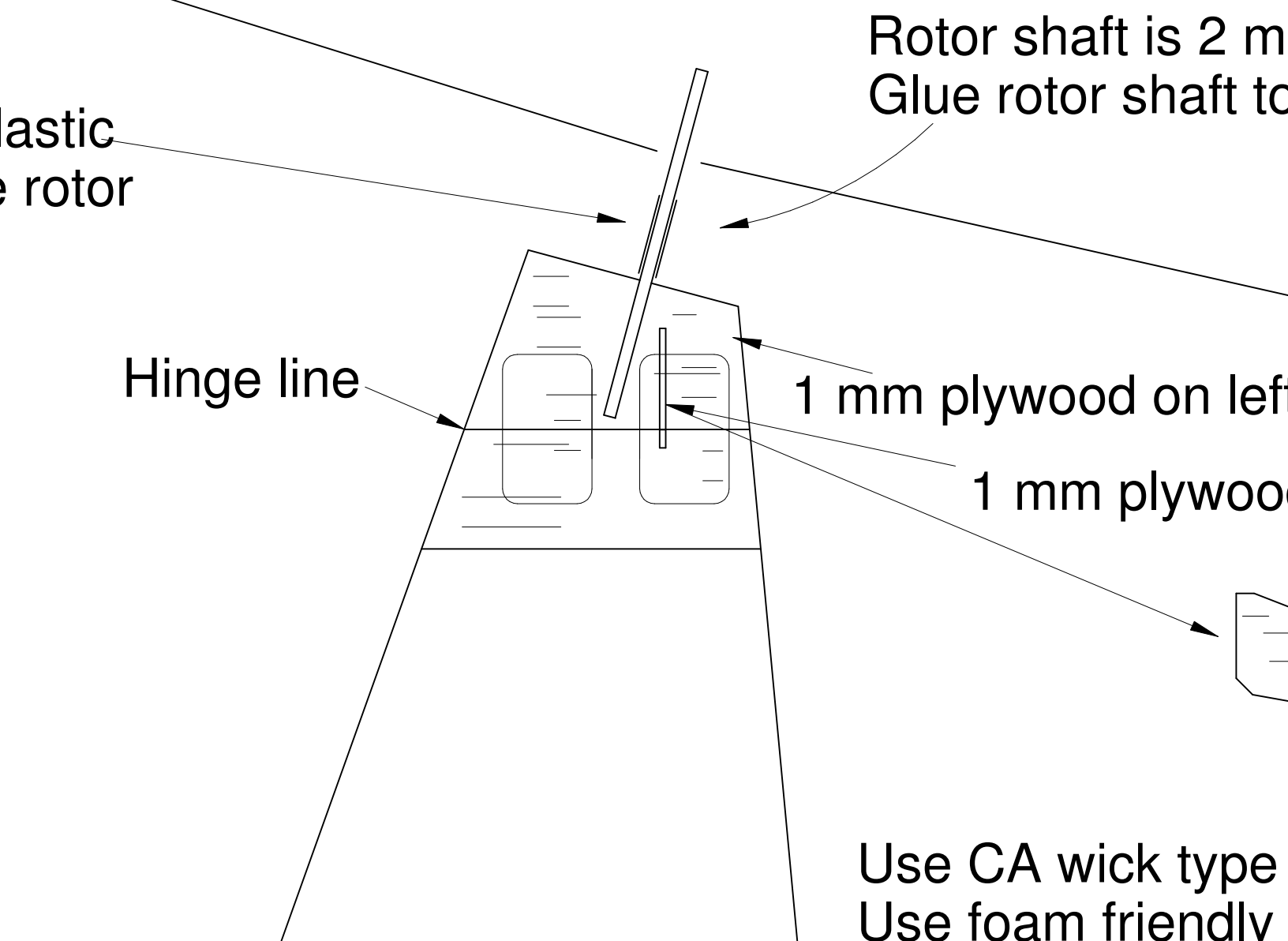
ROTOR MUST ROTATE CLOCKWISE WHEN VIEWED FROM ABOVE!

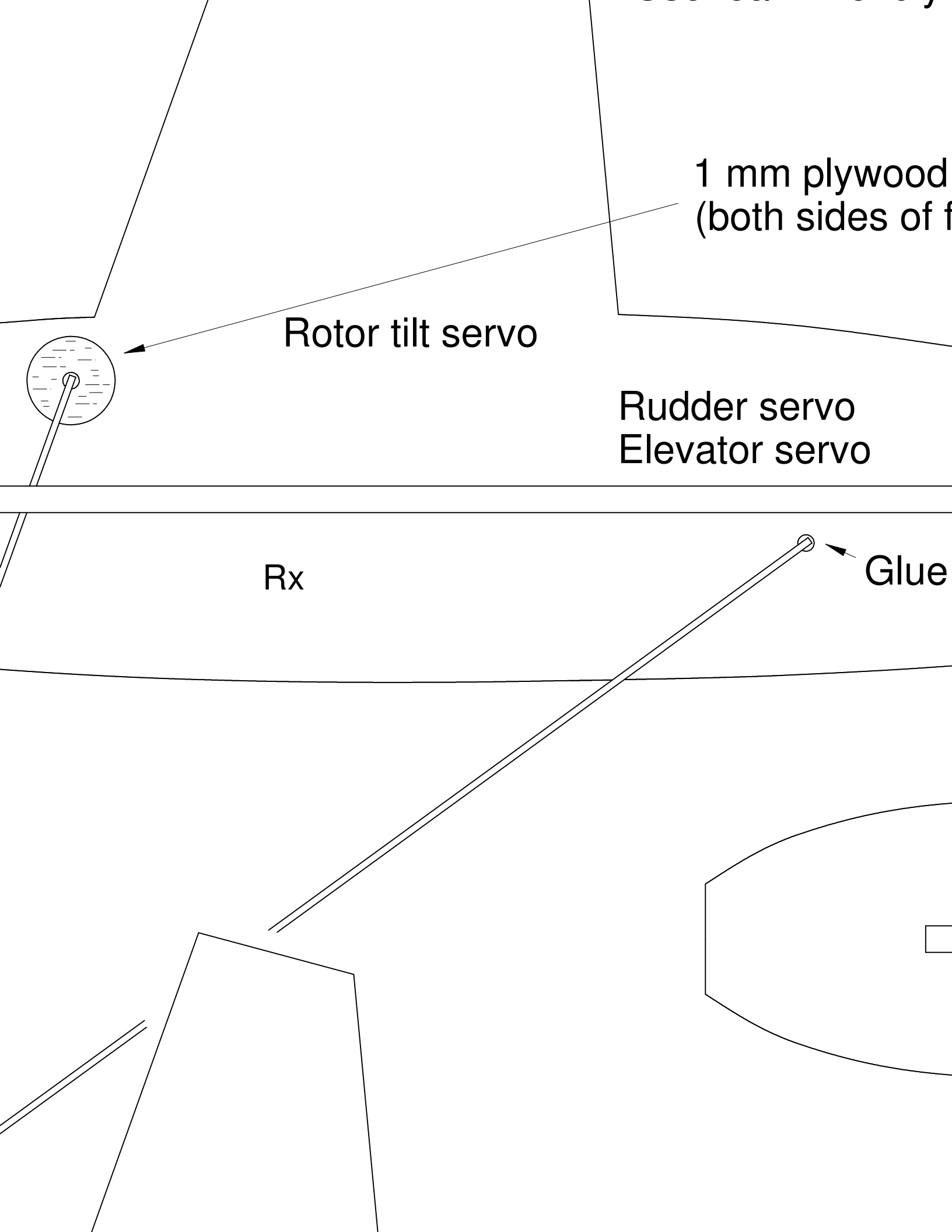
Bearing is plastic tube, 2 mm inside dia

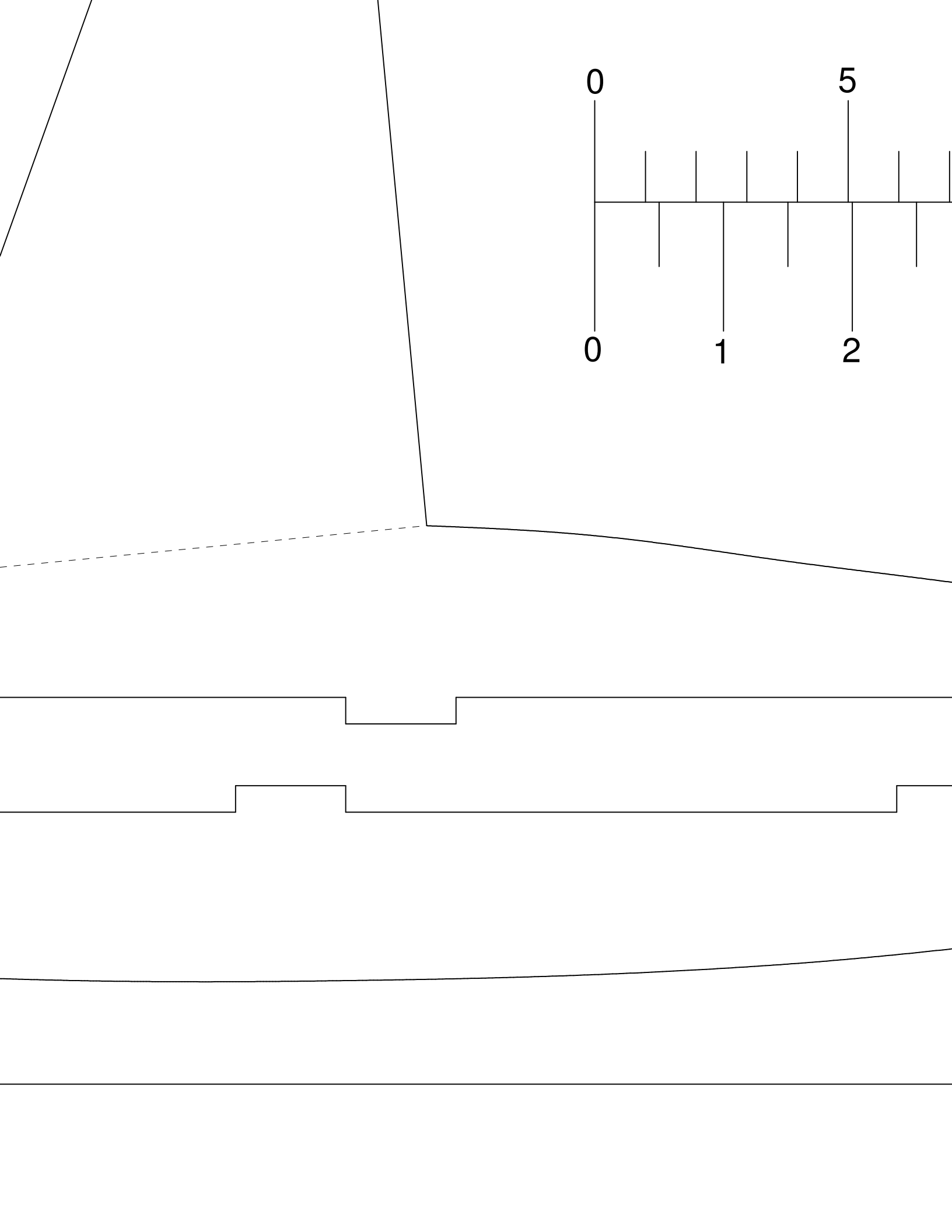
Tube is approx. 20 mm long and protrudes 2-3 mm

Retain rotor with snug fitting piece of silicone tubing

Important: put 2 small washers above rotor to minimize







VIEWED

mm below hub

ing

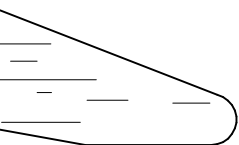
minimize friction with silicone tubing

mm carbon or steel rod, 6 cm long

to left side of fuselage

to left side only

to control horn

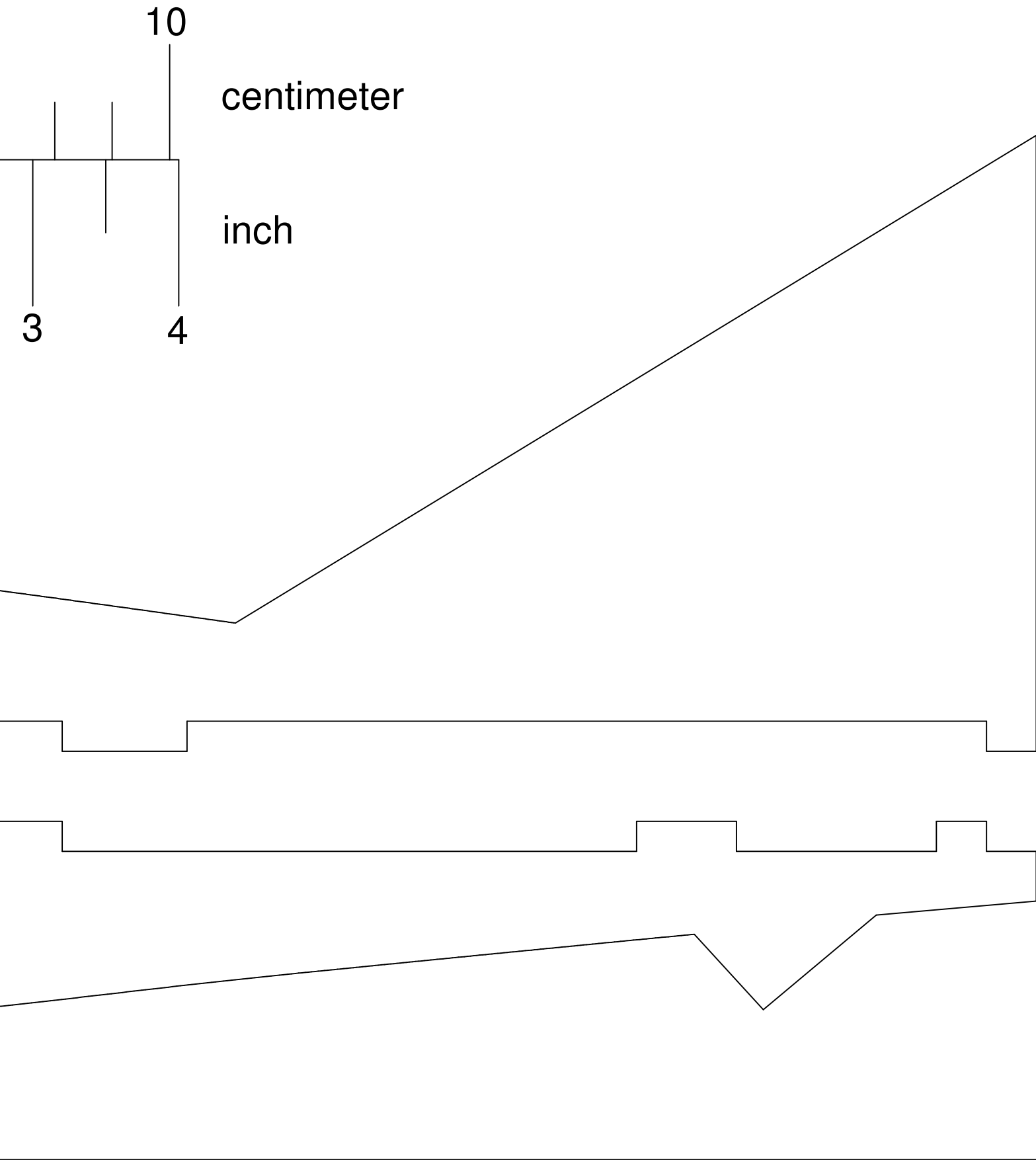


hinges or Tyvek®

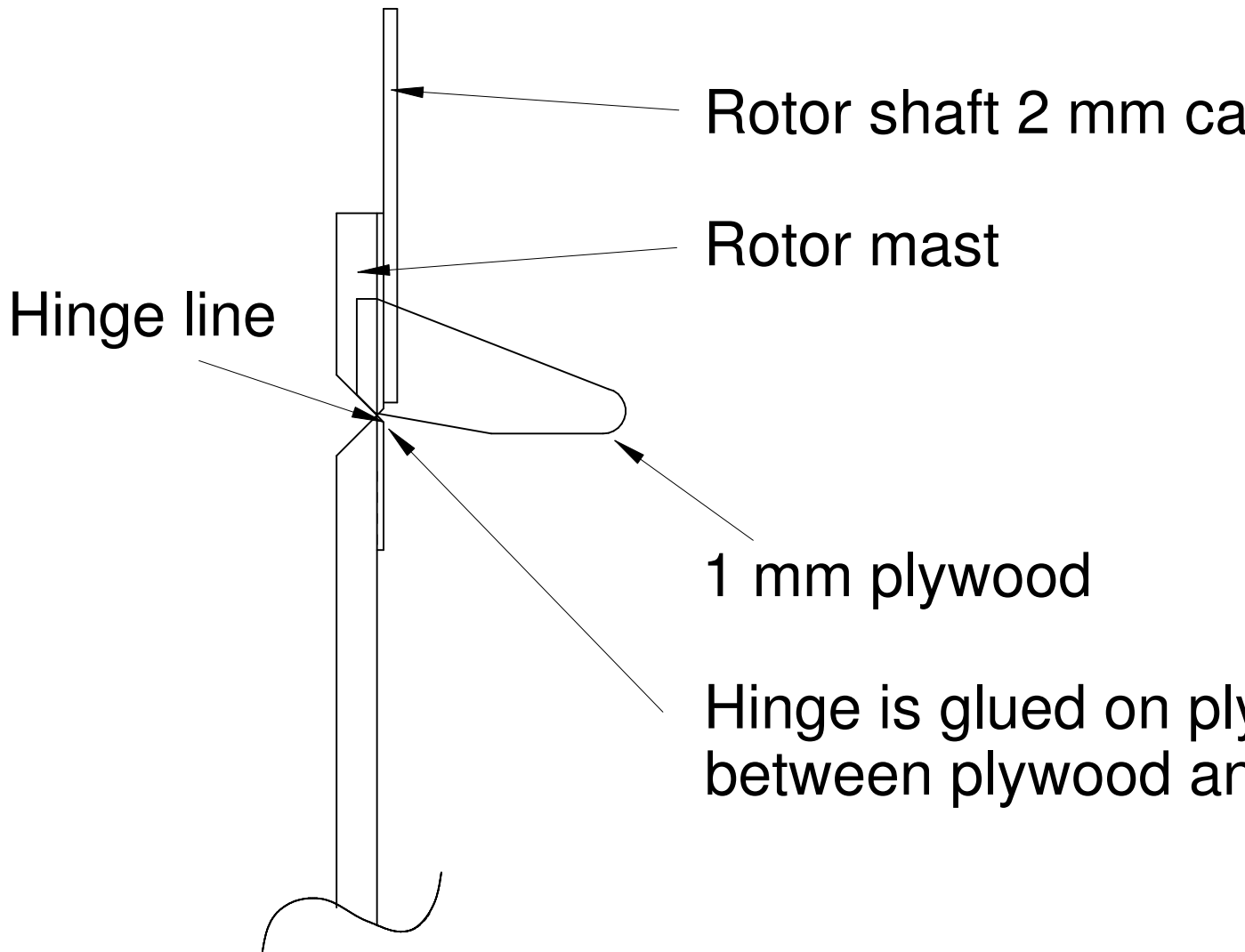
CA!

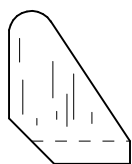
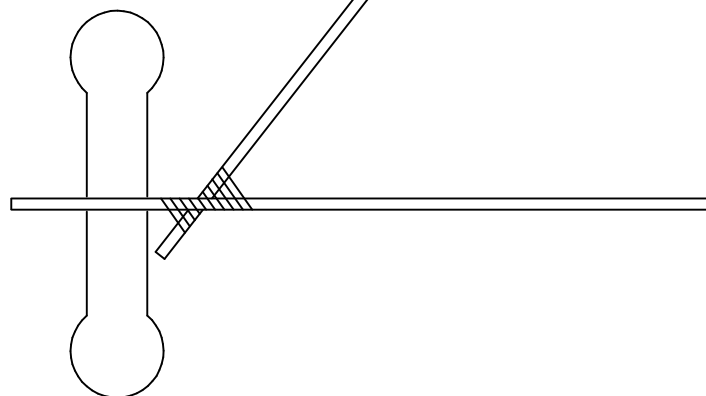
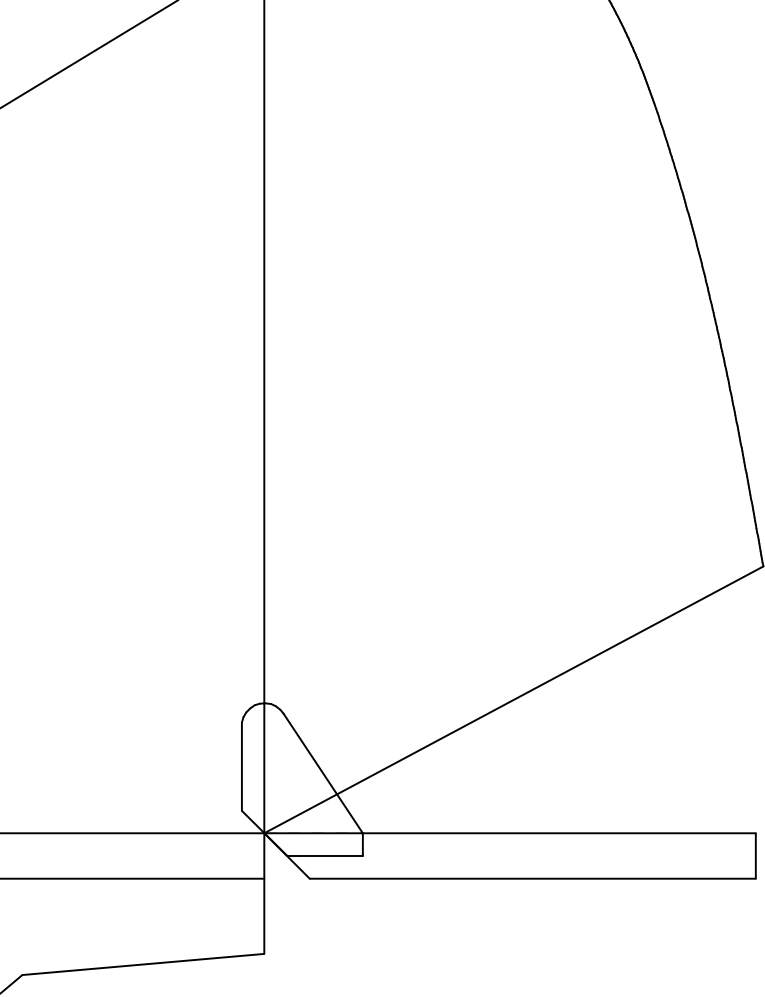
disk to anchor LG
(fuselage)

carbon rod to fuselage

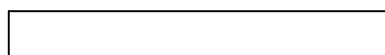


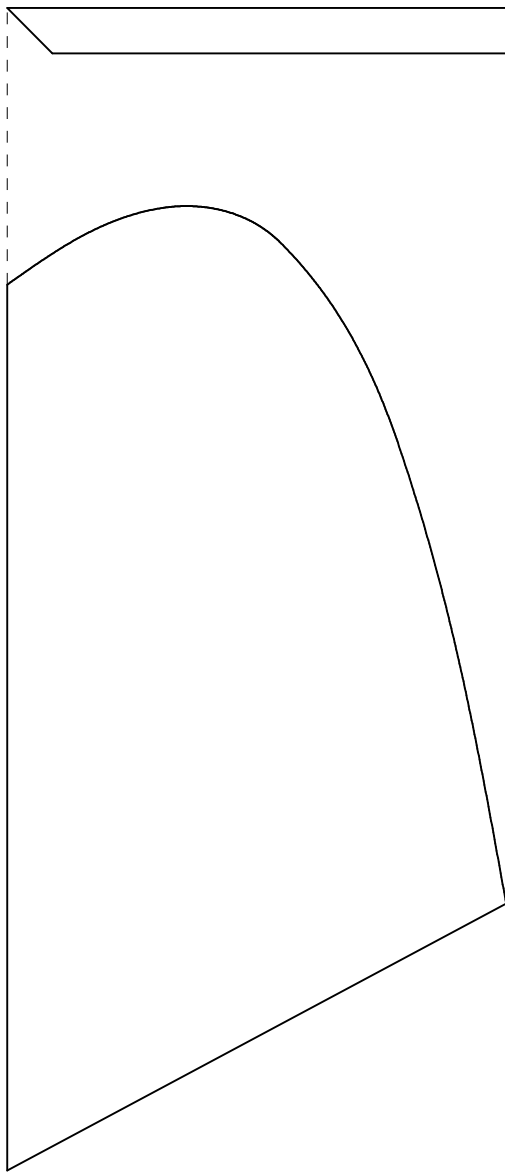
Cross section of rotor mast (viewed from front)





Rudder and elevator horn
Make two of 1 mm plywood





Hinge control surface
with clear tape

Jones A

An easy to build and very
high fun factor. 4 Ch. requ
Target weight approximat
Construction: fuselage 6 m
3 mm (1/8") Depron®.

Design by Gary L. Jon

Drawing by Willem Bravenboer

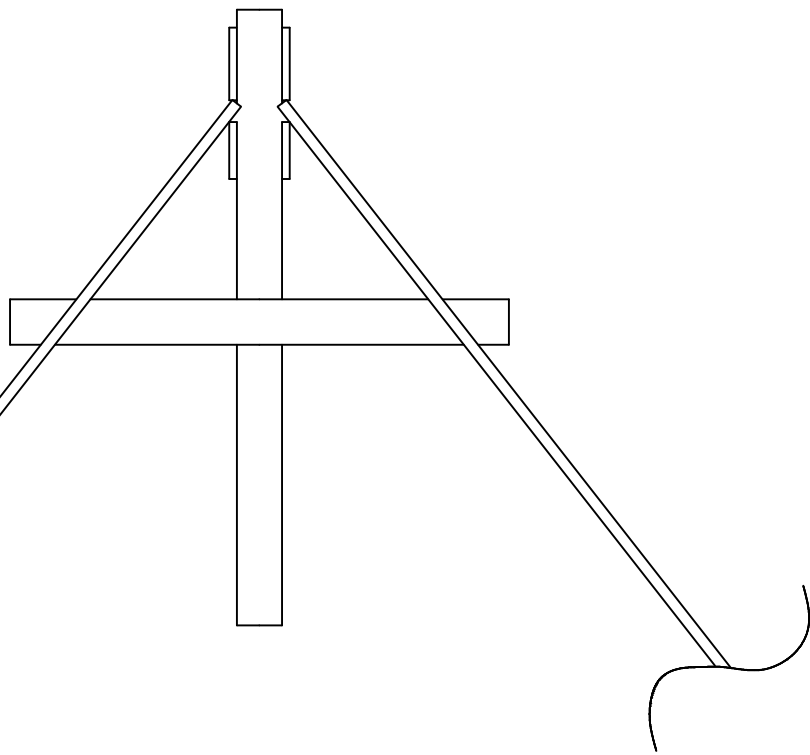
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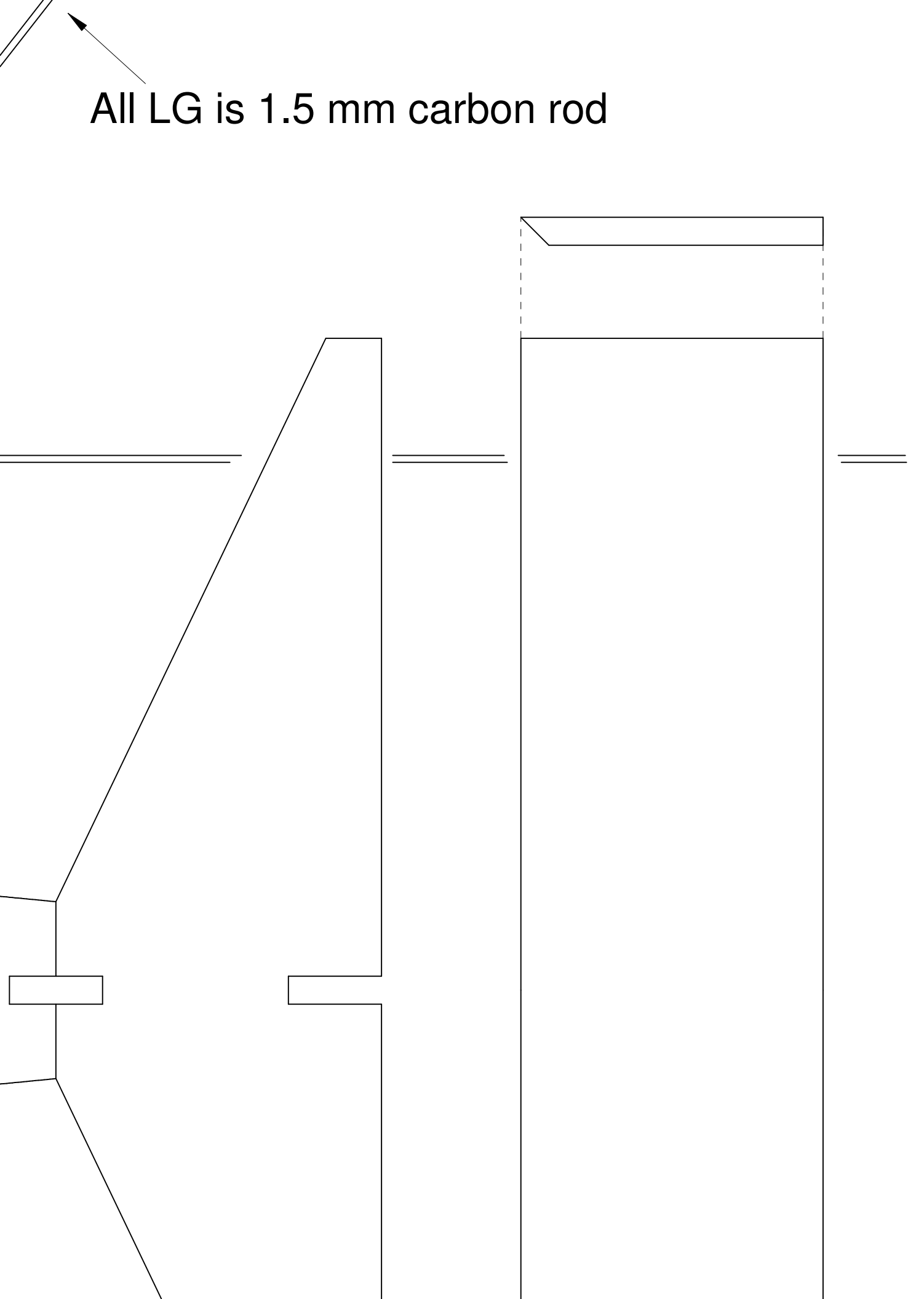
arbon

Cross section of fuselage at LG position

ywood or
nd depron®



All LG is 1.5 mm carbon rod



aces

AG3 Autogyro

easy to fly autogyro with an extremely
required (rudder, elevator, rotor tilt, throttle).
only 200 grams (6.5 oz.) ready to fly.
mm (1/4") Depron® or FFF. Rotor blades:

es