

Suggested rotor blade lengths:

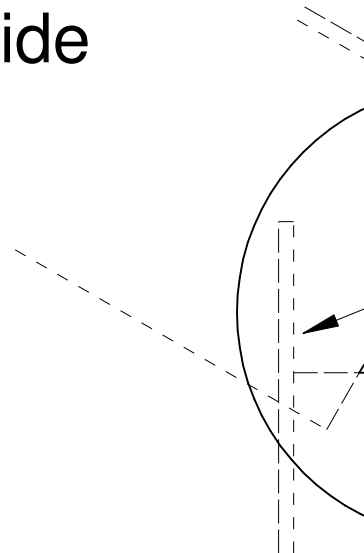
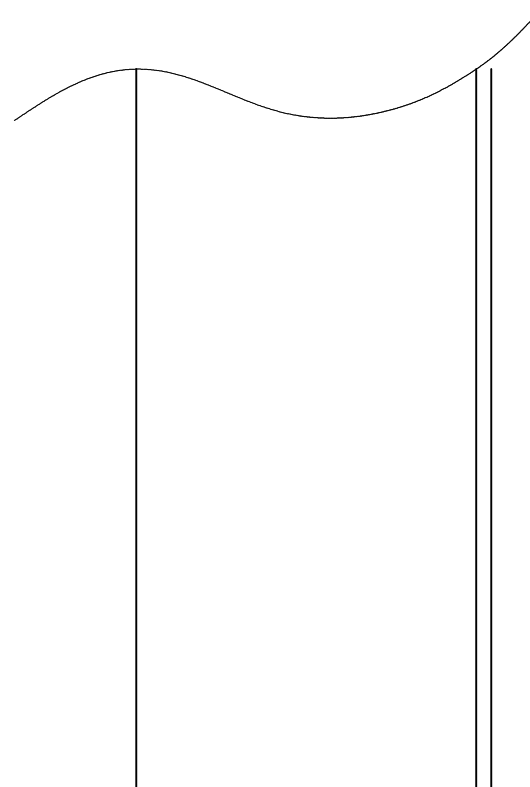
2-blade rotor: 480 mm

3-blade rotor: 300 mm

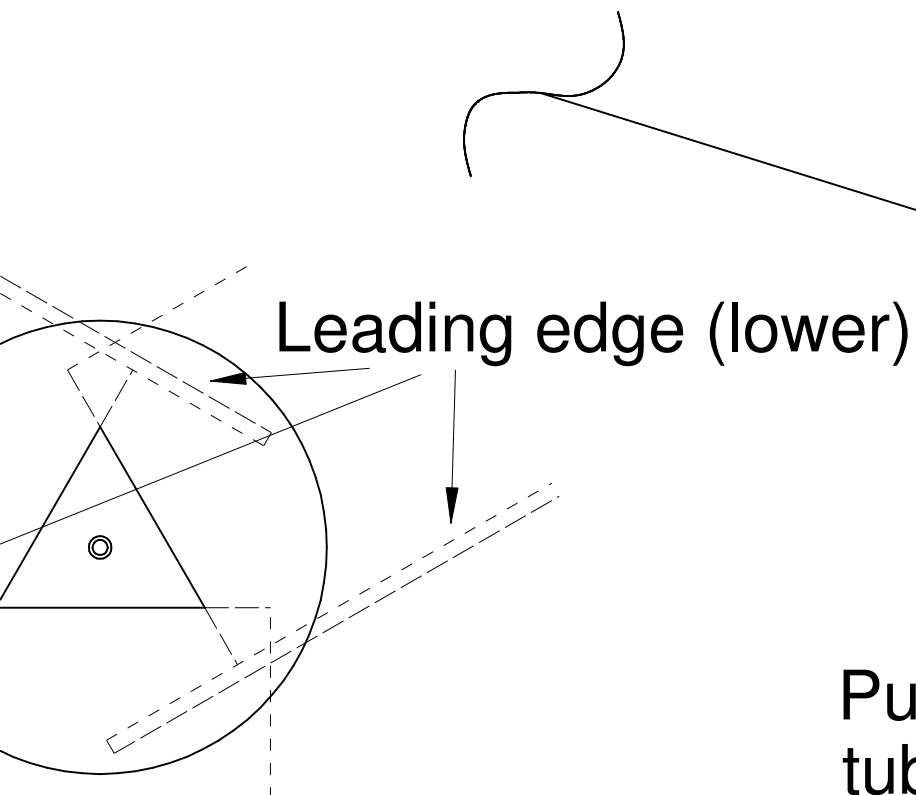
All rotor blades 3 mm depron®

All rotor blades are 45 mm wide

Start with 3-blade rotor



Hu
3-b
To



Block for
blade rotor
top view

Put short length of 2 mm id. plastic
tubing over rotor shaft to raise rotor

ROTOR MUST BE
FROM ABC
Bearing is placed
Tube is applied
Retain rotor
Important: p

Hinge line

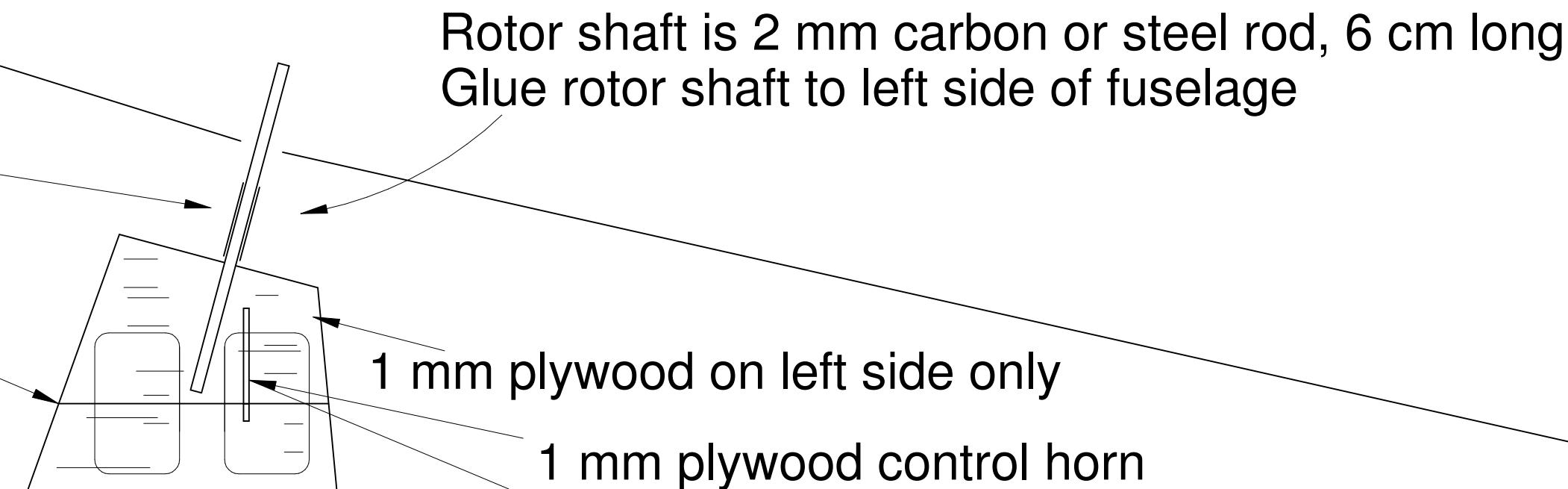
JUST ROTATE CLOCKWISE WHEN VIEWED
DOVE!

plastic tube, 2 mm inside dia

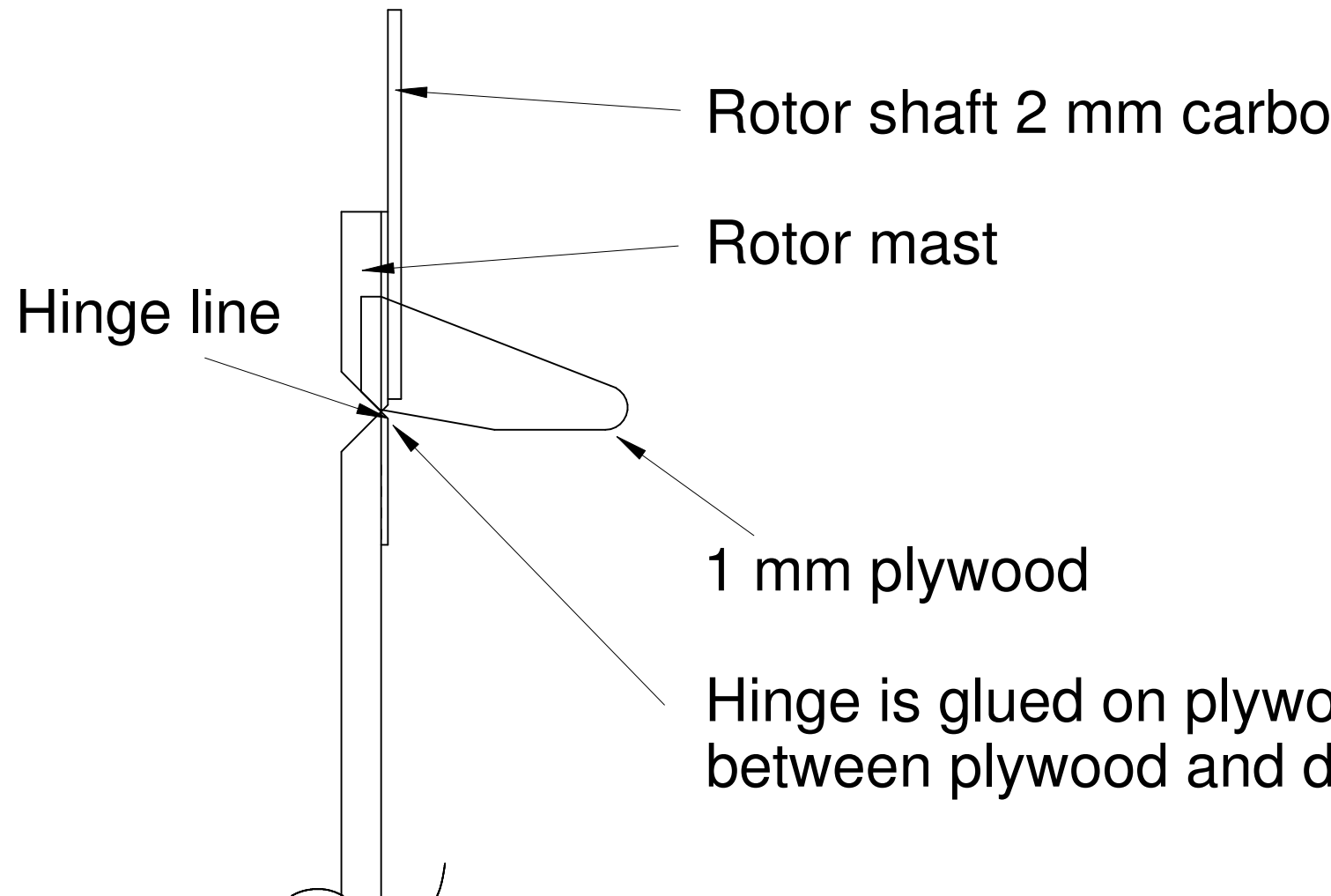
prox. 20 mm long and protrudes 2-3 mm below hub

r with snug fitting piece of silicone tubing

out 2 small washers above rotor to minimize friction with silicone tubing



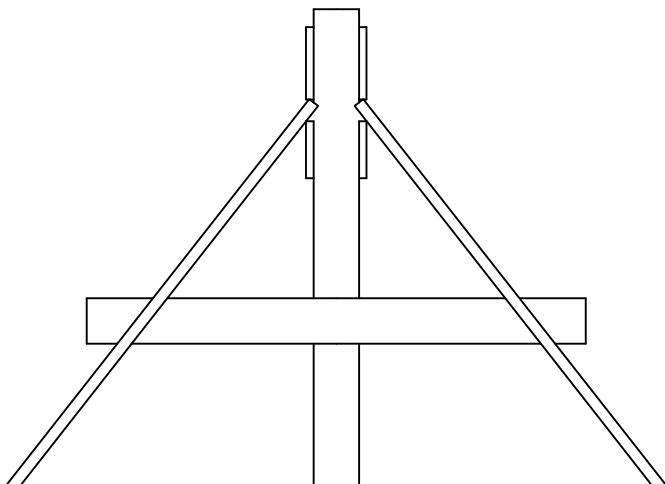
Cross section of rotor mast (viewed from front)



n

Cross section of fuselage at LG position

ood or
lepron®



Motor: 25 gram
Prop: 8"-9" GW
ESC: 10A-12A
Battery: 2S360
Servo: rotor tilt

1300KV Blue V
on 2S 460 and
used on prototy

Rotor blade LE is 2 m

ns outrunner, 1300-1500 kv
/S Slow Fly

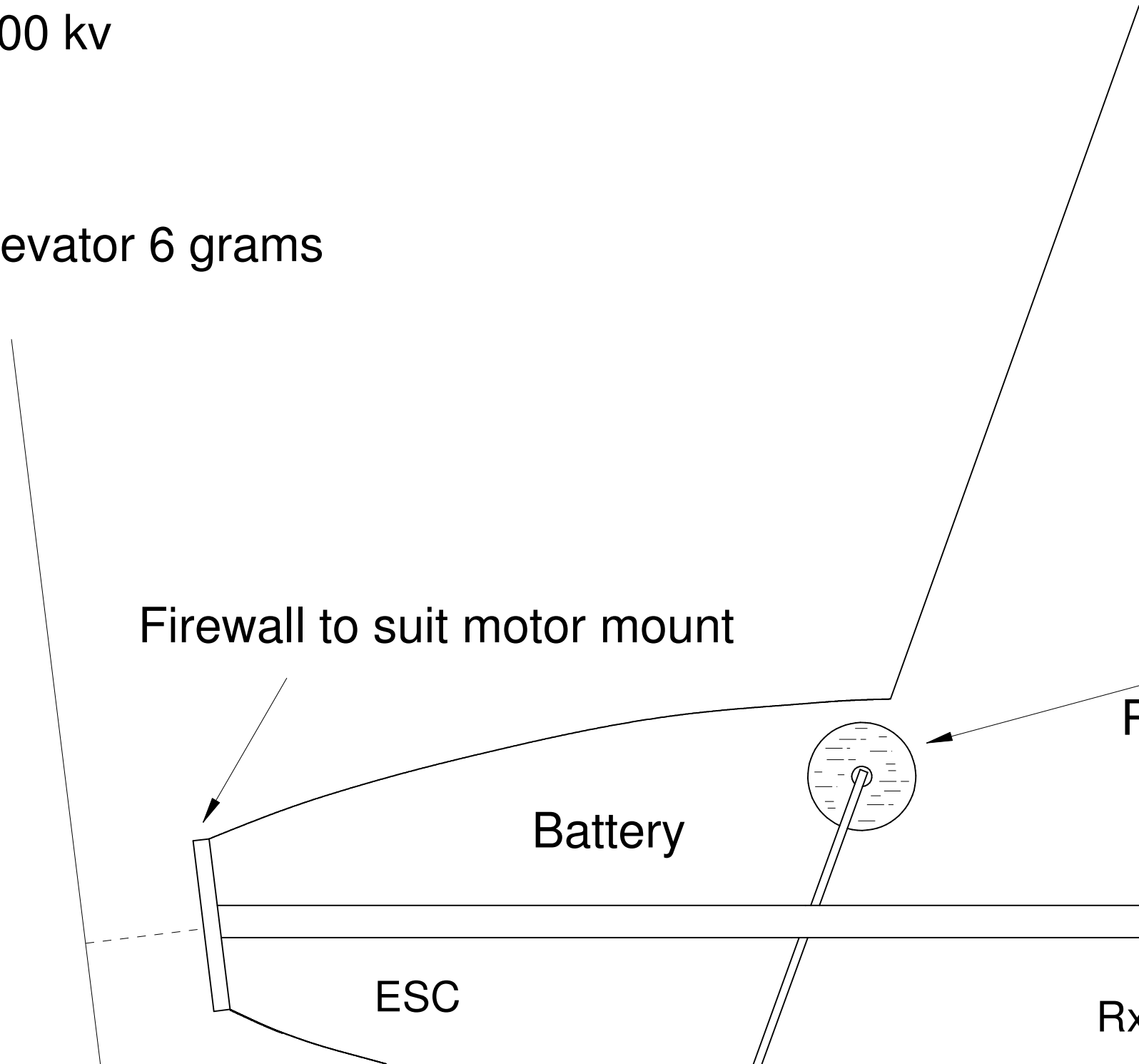
- 2S500

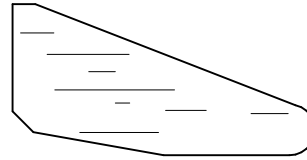
: 9 grams, rudder & elevator 6 grams

Vonder motor

9/4.7 prop was
types

m carbon



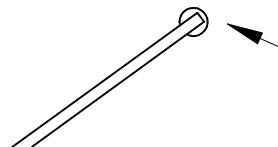


Use CA wick type hinges or Tyvek®
Use foam friendly CA!

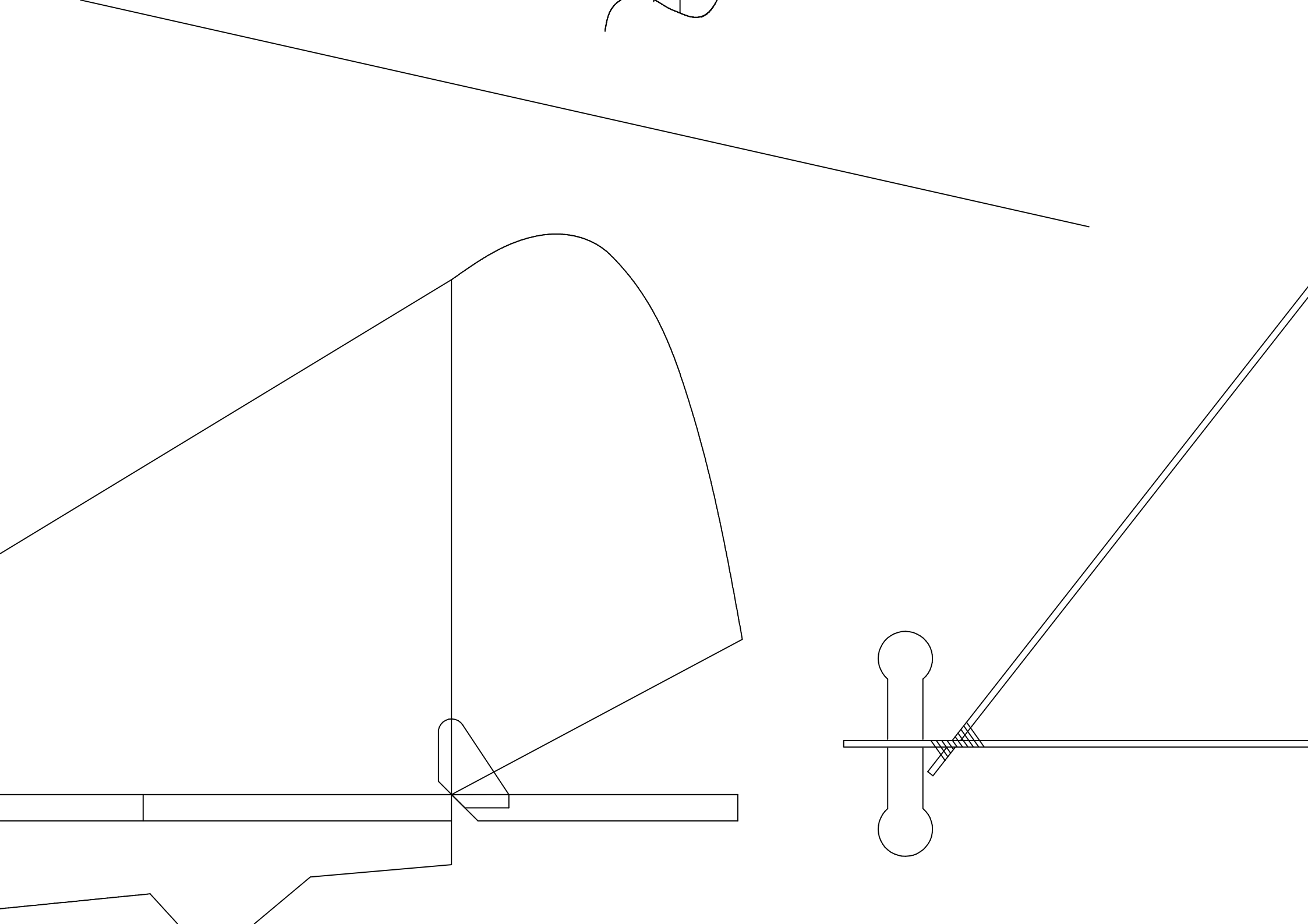
1 mm plywood disk to anchor LG
(both sides of fuselage)

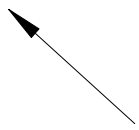
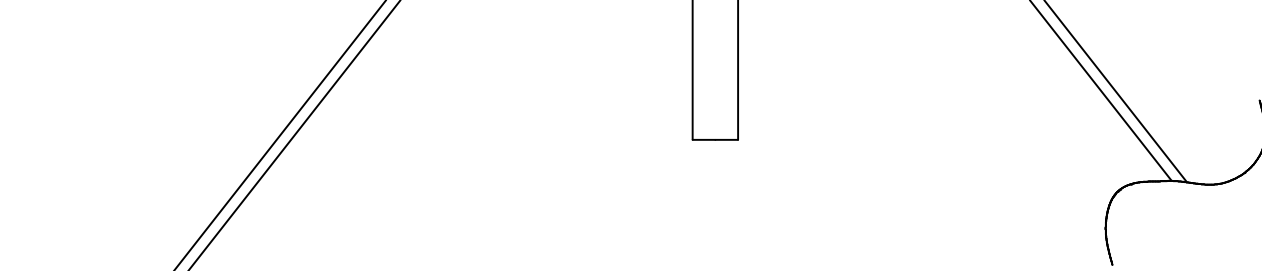
Rotor tilt servo

Rudder servo
Elevator servo

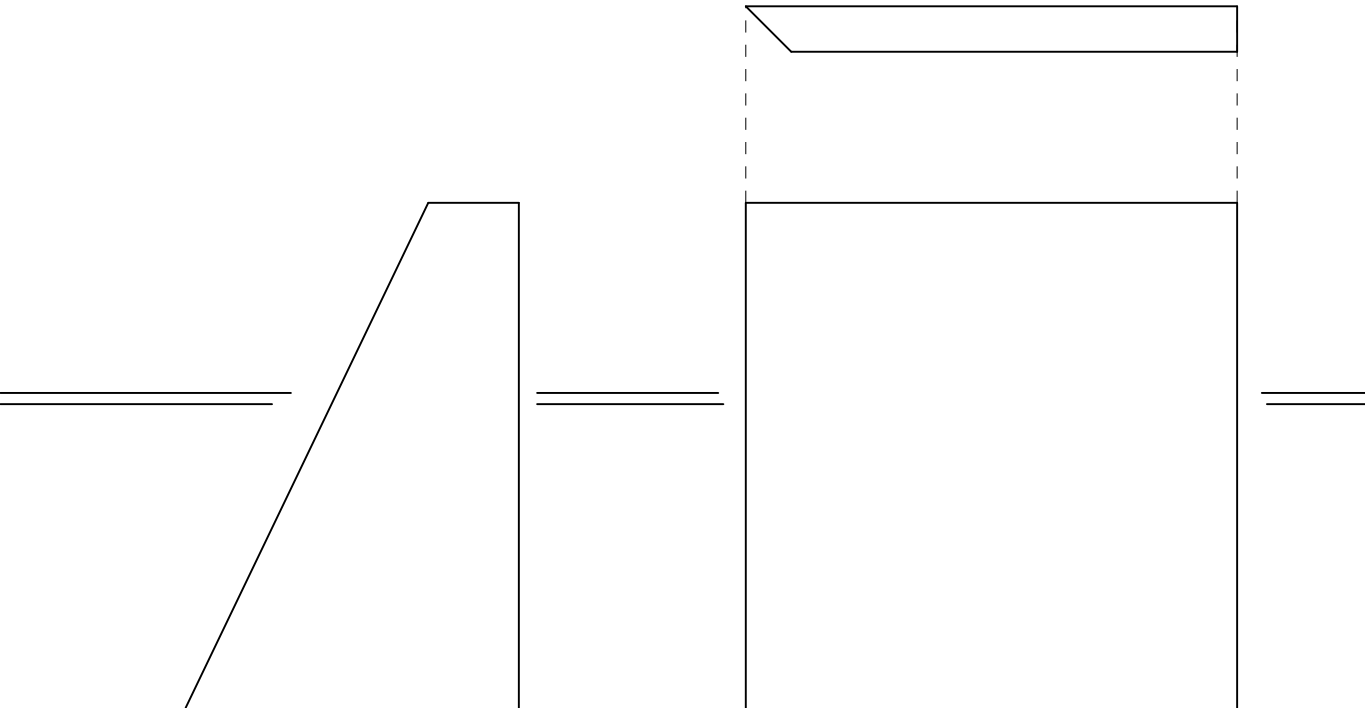


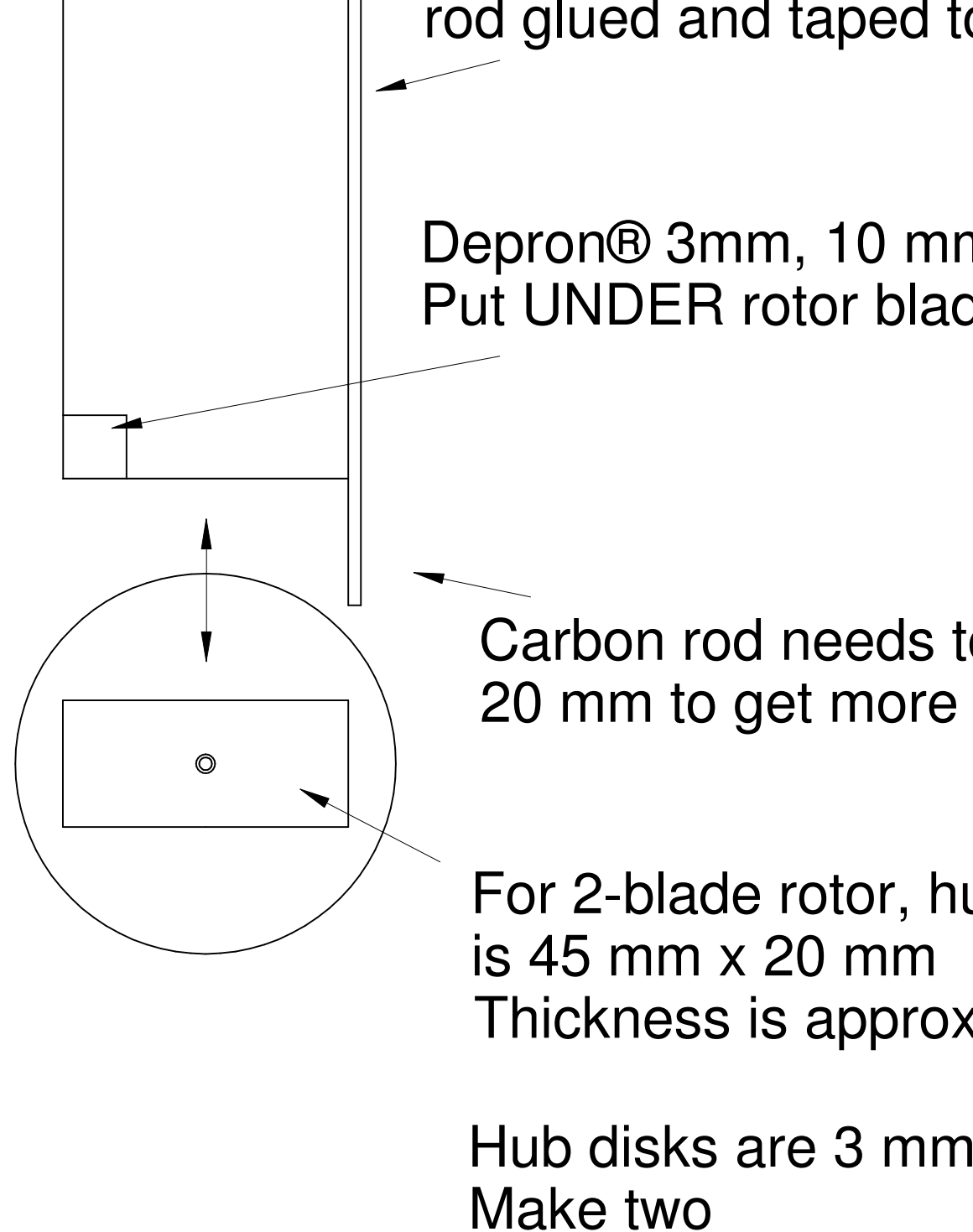
Glue carbon rod to fuselage





All LG is 1.5 mm carbon rod





o depron

n square blade shim
le!

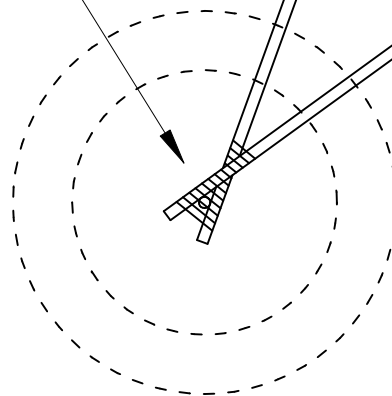
o stick out
glueing area

ub center block

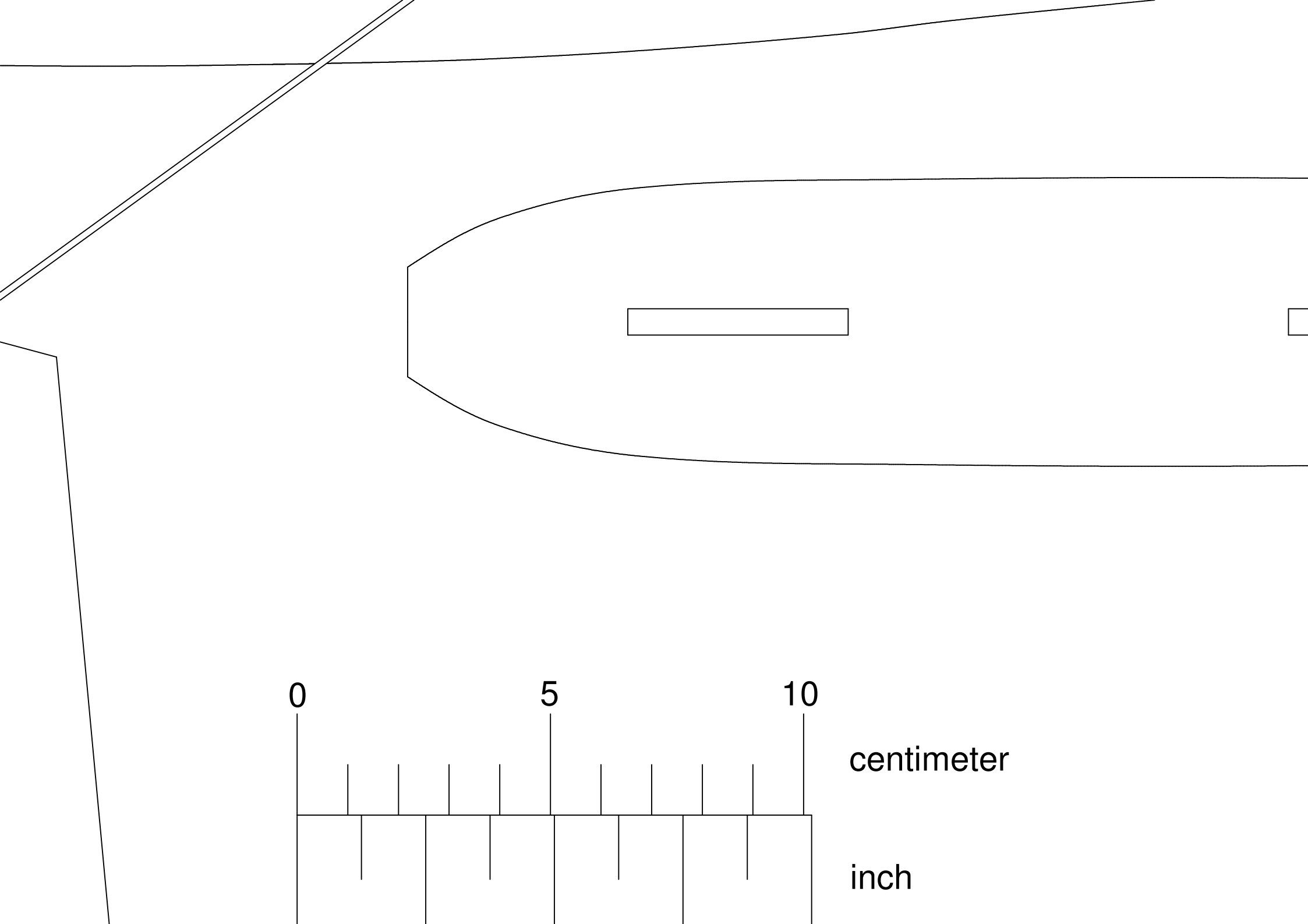
. 7 mm

depron.

Bind with thread
and glue



Use 35-50 mm



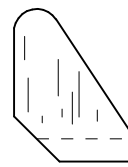
0

5

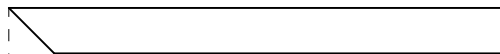
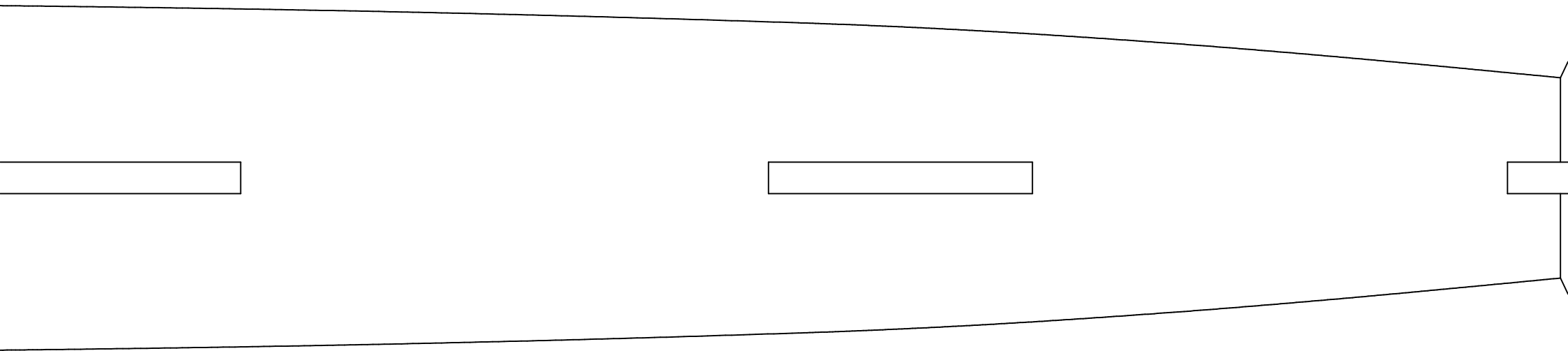
10

centimeter

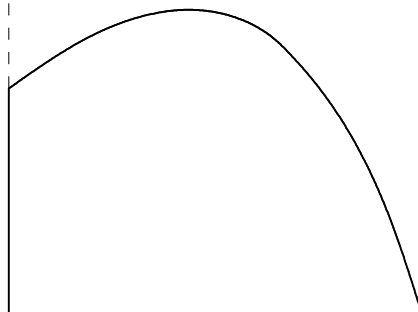
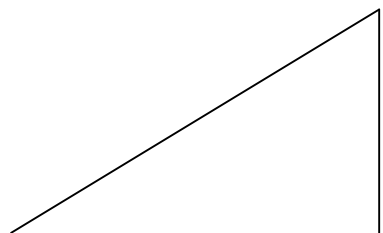
inch



Rudder and elevator horn
Make two of 1 mm plywood

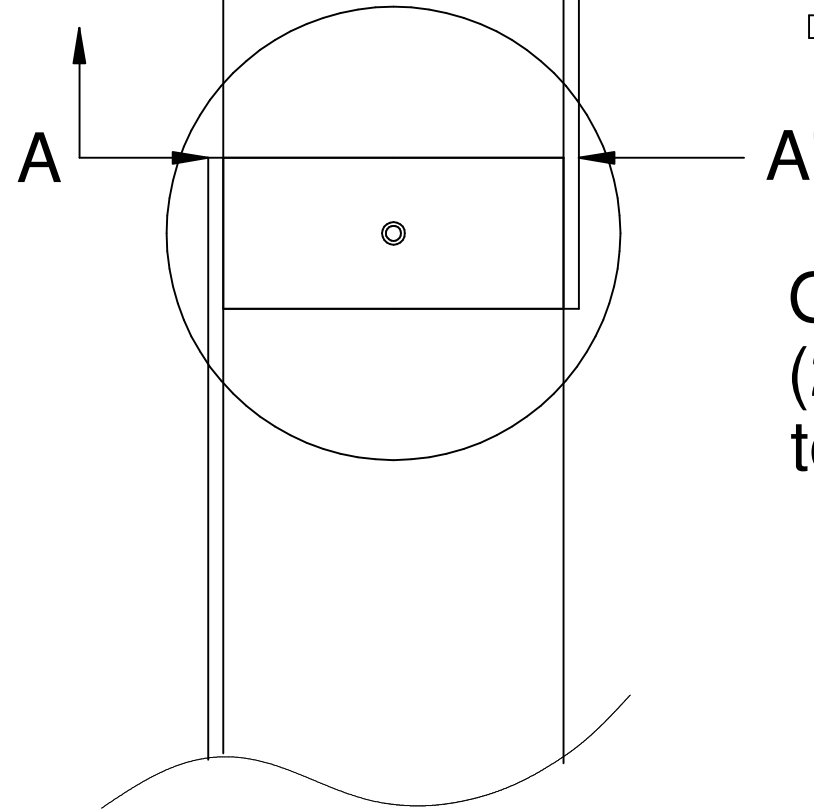


Hinge control surfaces
with clear tape

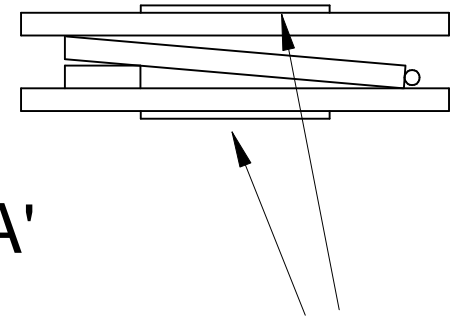




s



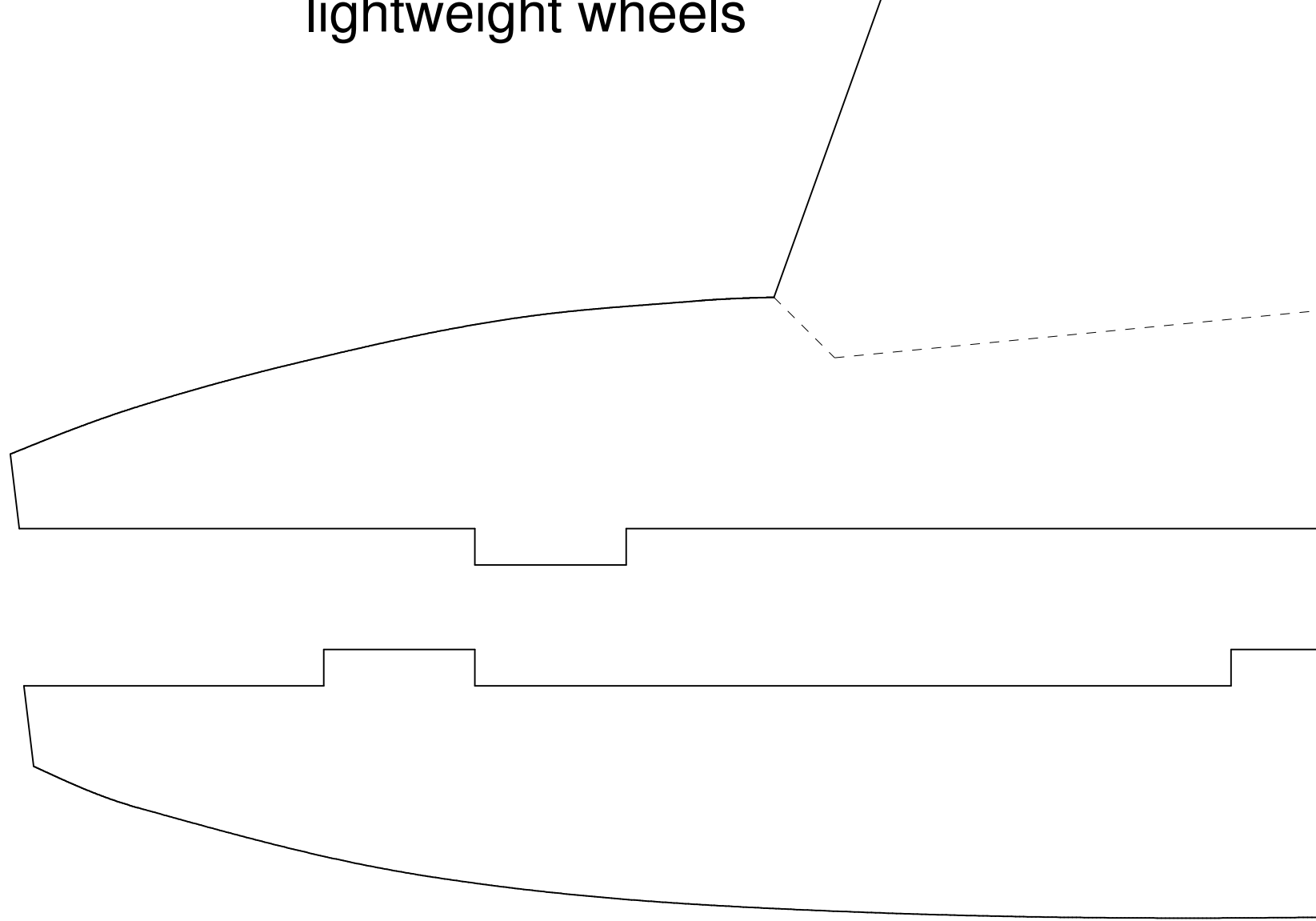
View A-A'

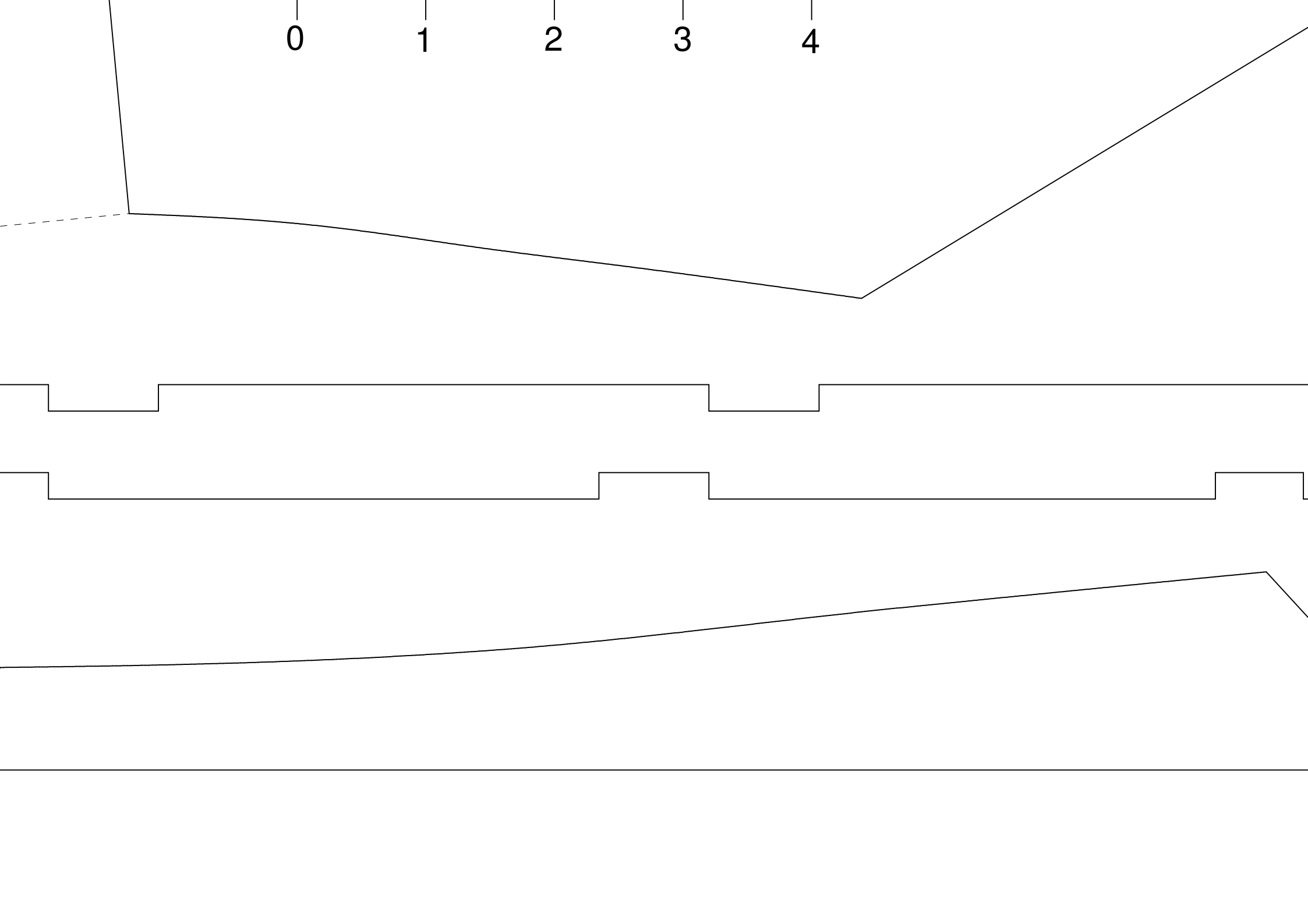


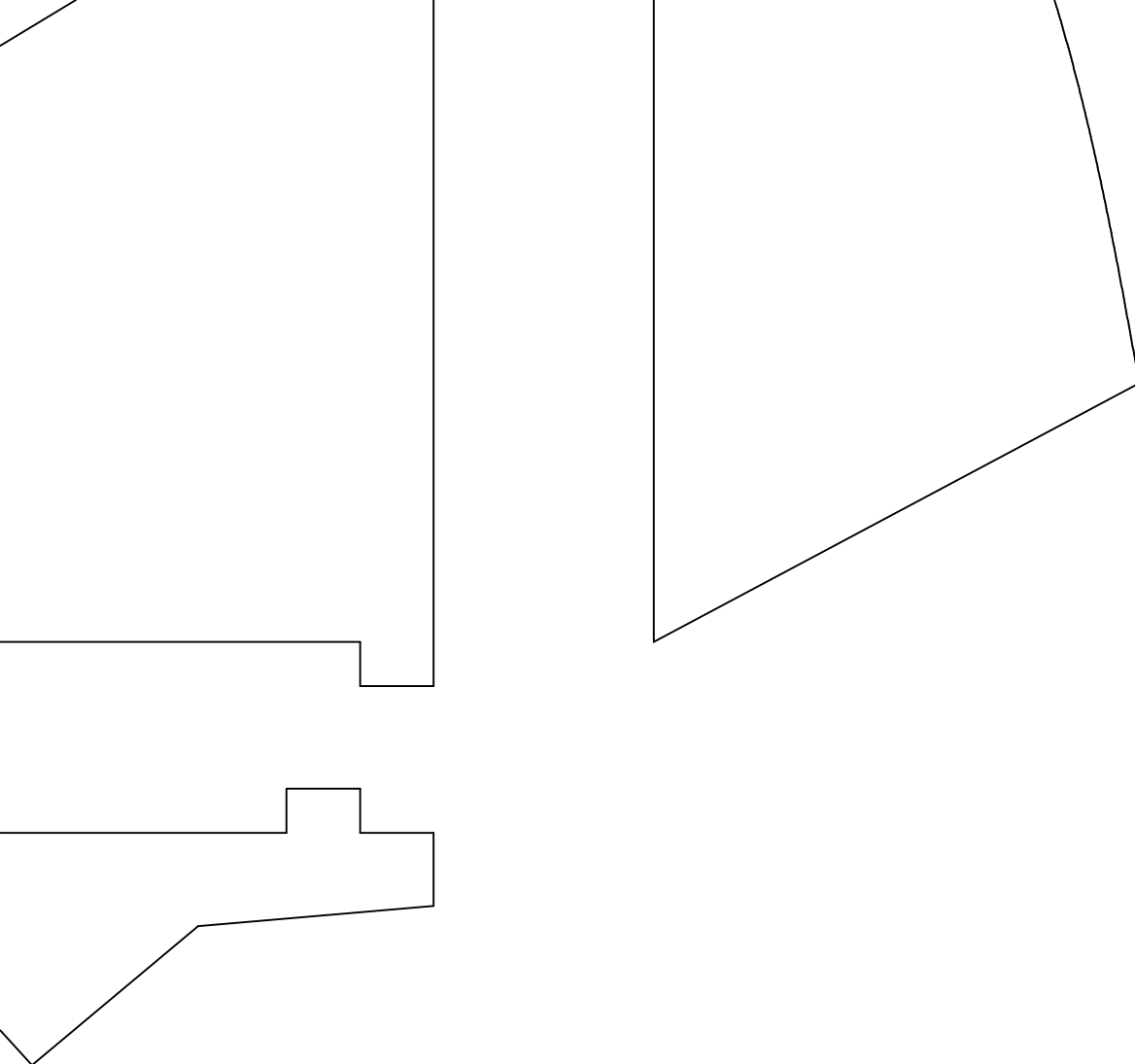
Glue 1 mm plywo
(2.5 cm dia.) on b
top of rotor hub fo

lightweight wheels

ood disks
ottom and
or reinforcement







Jones AC

An easy to build and very easy to fly model with a high fun factor. 4 Ch. required.
Target weight approximately 100g.
Construction: fuselage 6 mm
3 mm (1/8") Depron®.

Design by Gary L. Jones

Drawing by Willem Bravenboer

© Gary L. Jones

REV. 2010-03-14

G3 Autogyro

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