

Suggested rotor blade lengths:

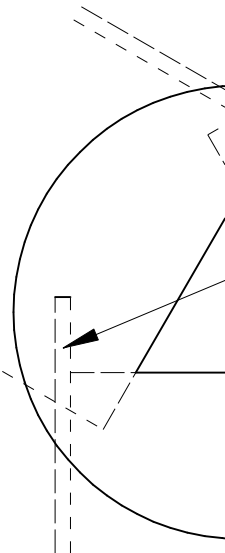
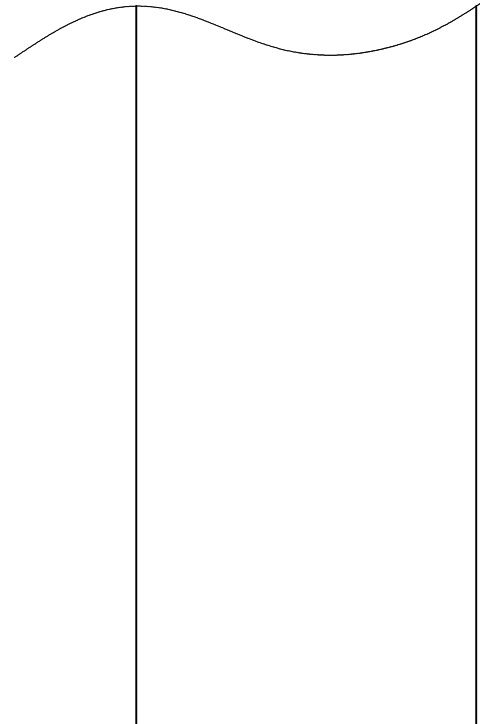
2-blade rotor: 480 mm

3-blade rotor: 310 mm

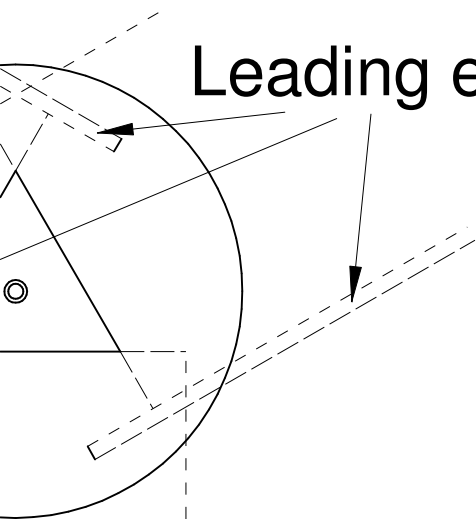
All rotor blades 3 mm depron®

All rotor blades are 45 mm wide

**START WITH 3-BLADE ROTOR**

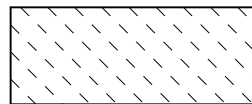


Hub b  
3-blac  
Top v

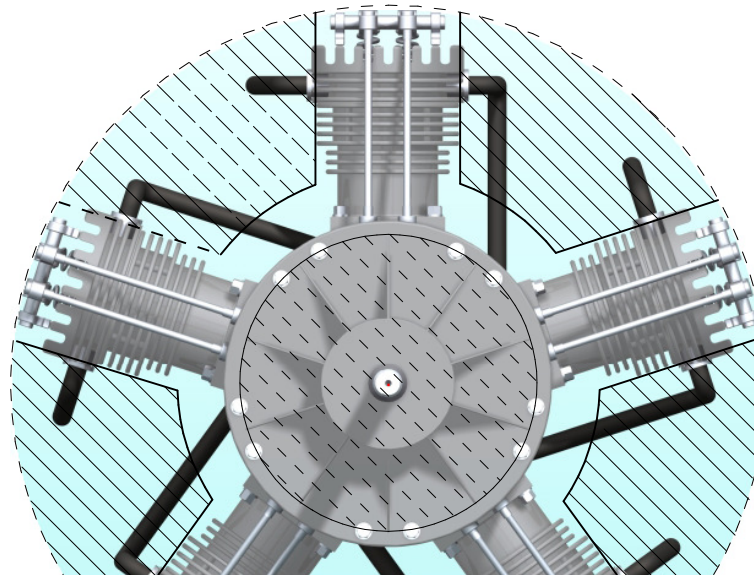


Leading edge (lower)

block for  
de rotor  
view



=Cut and remove



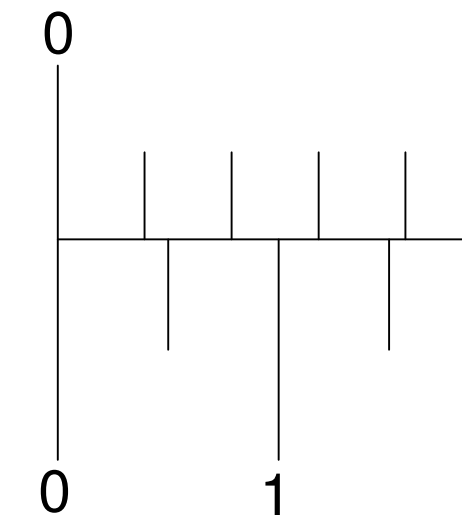
ROTOR MU  
FROM ABC  
Bearing is p  
Tube is app  
Important: p  
Retain rotor

Hinge line

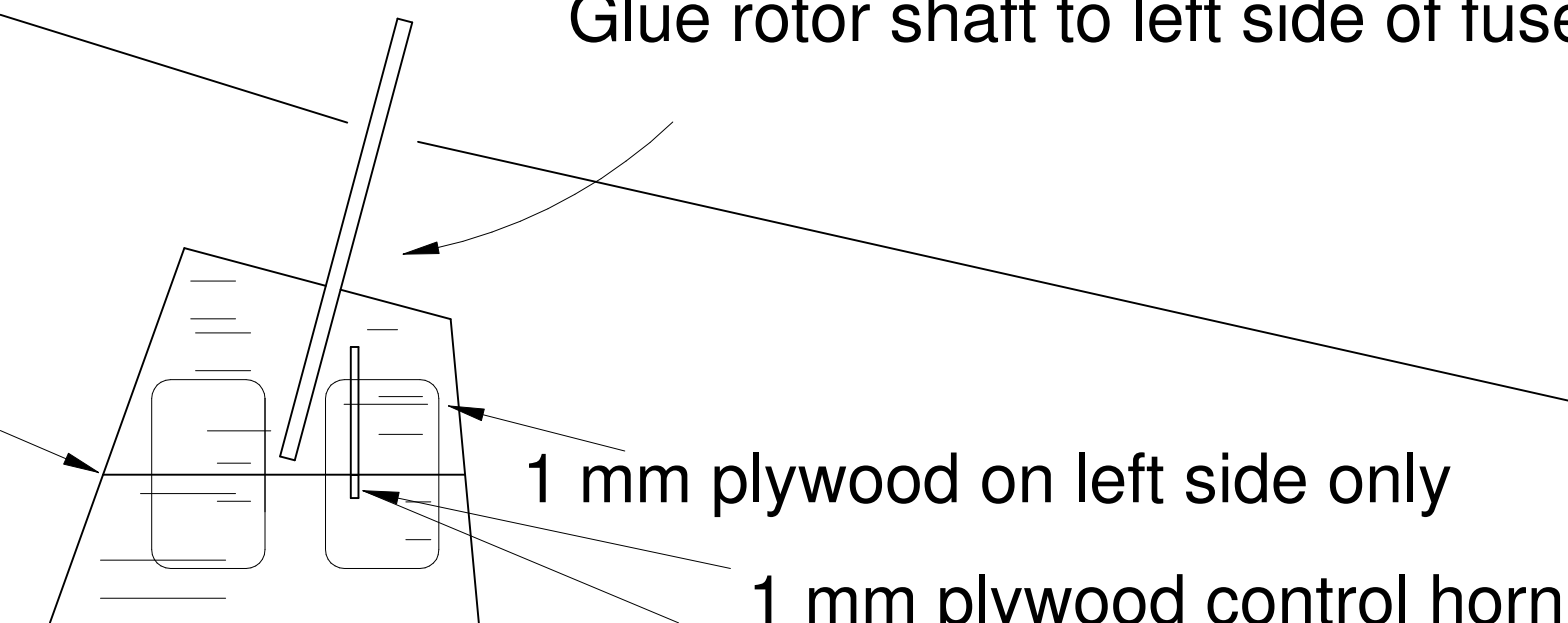
JUST ROTATE CLOCKWISE WHEN VIEWED  
DOVE!

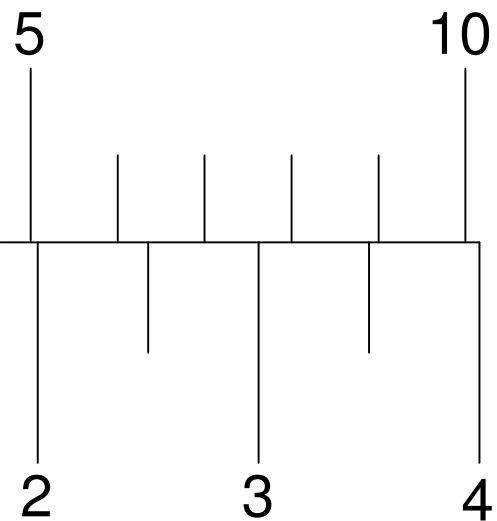
plastic tube, 2 mm inside dia  
prox. 20 mm long and protrudes 2-3 mm below hub  
put a small washer below rotor and above rotor  
r with snug fitting piece of silicone tubing

Rotor shaft is 2 mm carbon rod, 5 cm long  
Glue rotor shaft to left side of fuselage



Balance: hang  
Rotor tilt:  $7^\circ$  ea



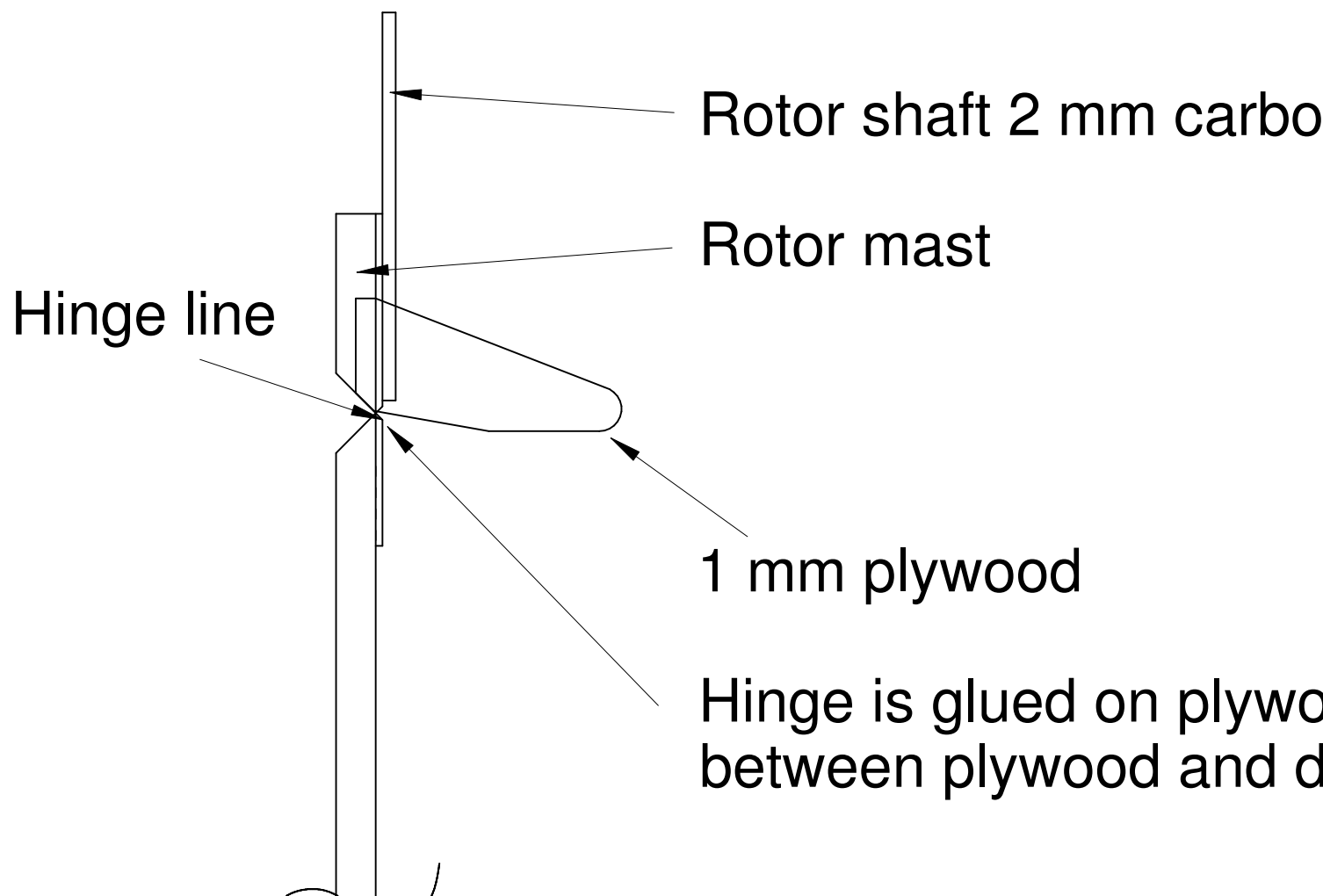


centimeter

inch

angle approx.  $-3^\circ$   
each way

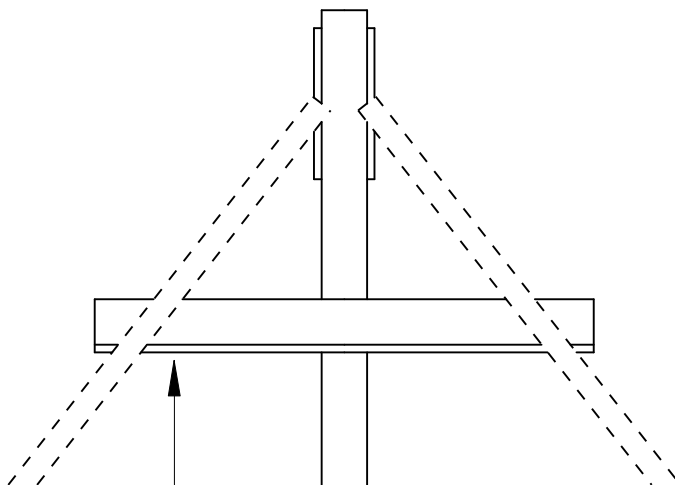
## Cross section of rotor mast (viewed from front)



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

Firewall to suit

Rotor blade LE is 2 m

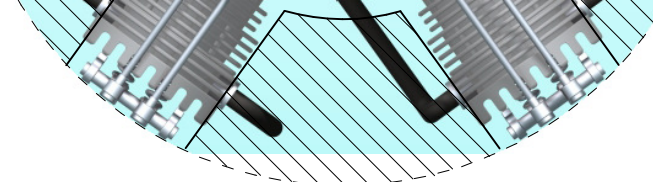
1300-1500 kv  
Slow Fly

- 2S500  
: 9 grams, rudder & elevator 6 grams

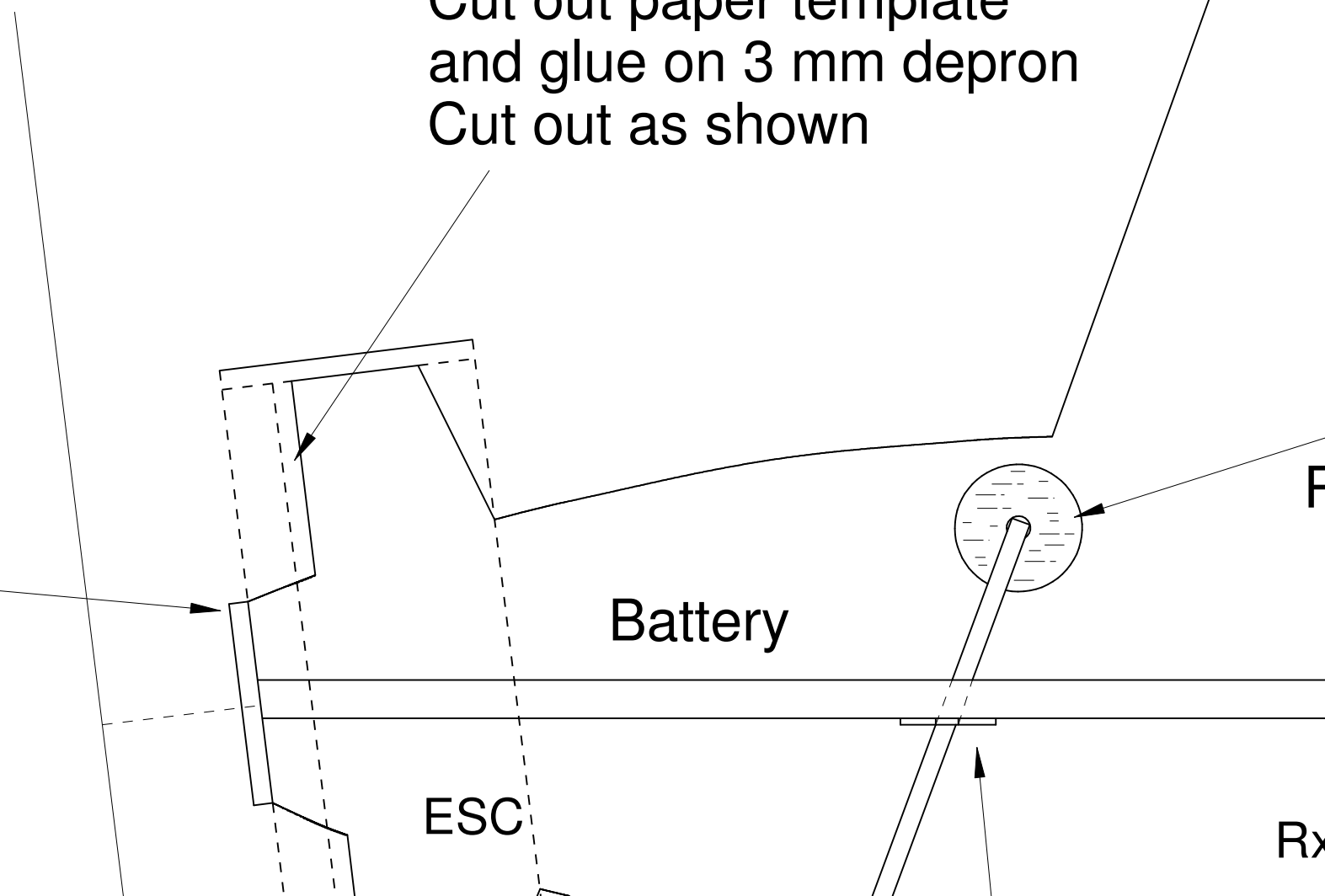
Vonder motor  
9/4.7 prop was  
types

motor mount

m carbon



Dummy rotary engine  
3 mm depron  
Cut out paper template  
and glue on 3 mm depron  
Cut out as shown

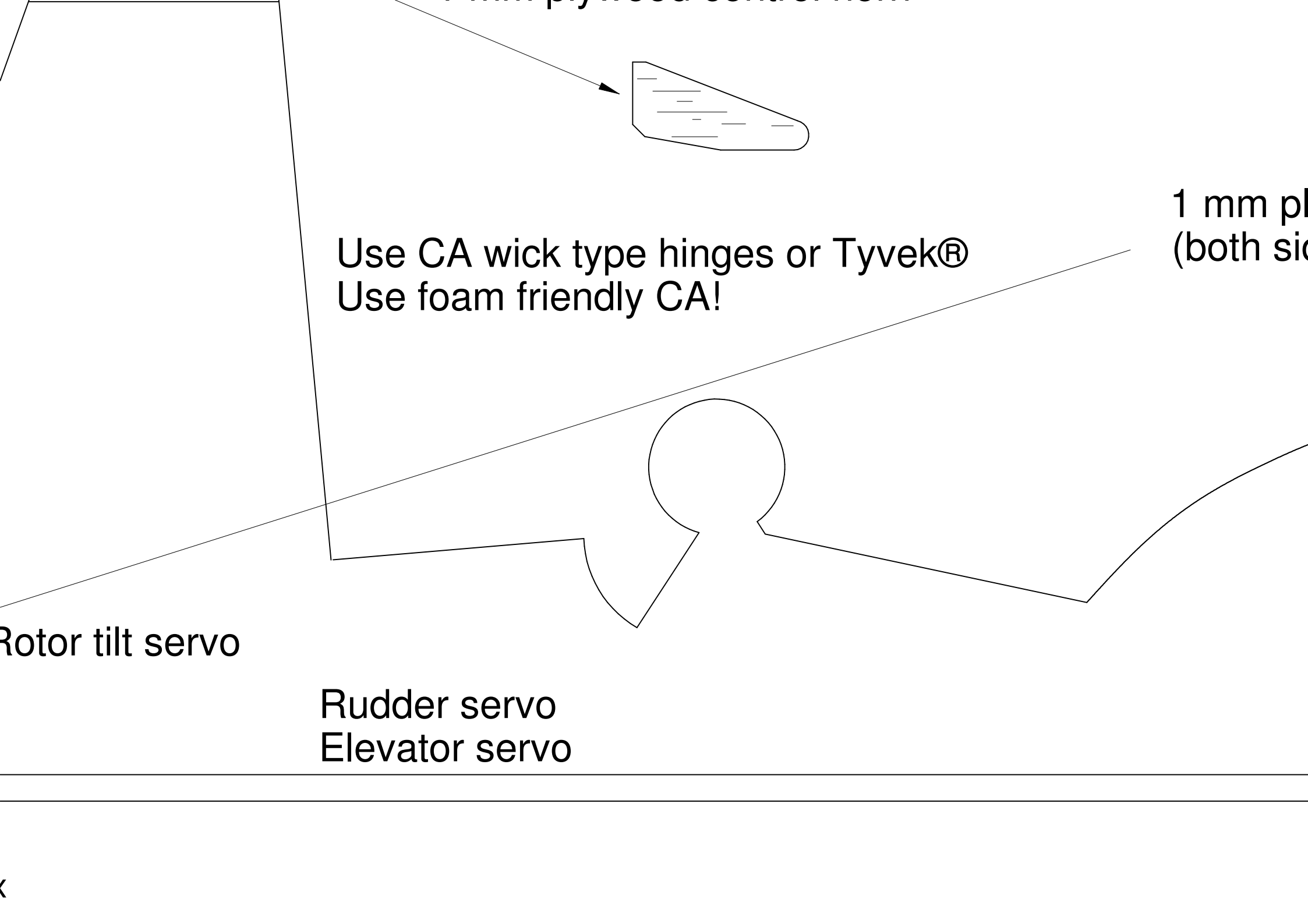


Battery

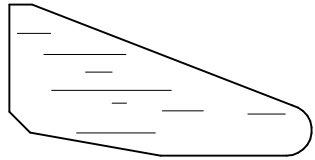
ESC

P

Rx



1 mm ply used control horn



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

1 mm ply  
(both sides)

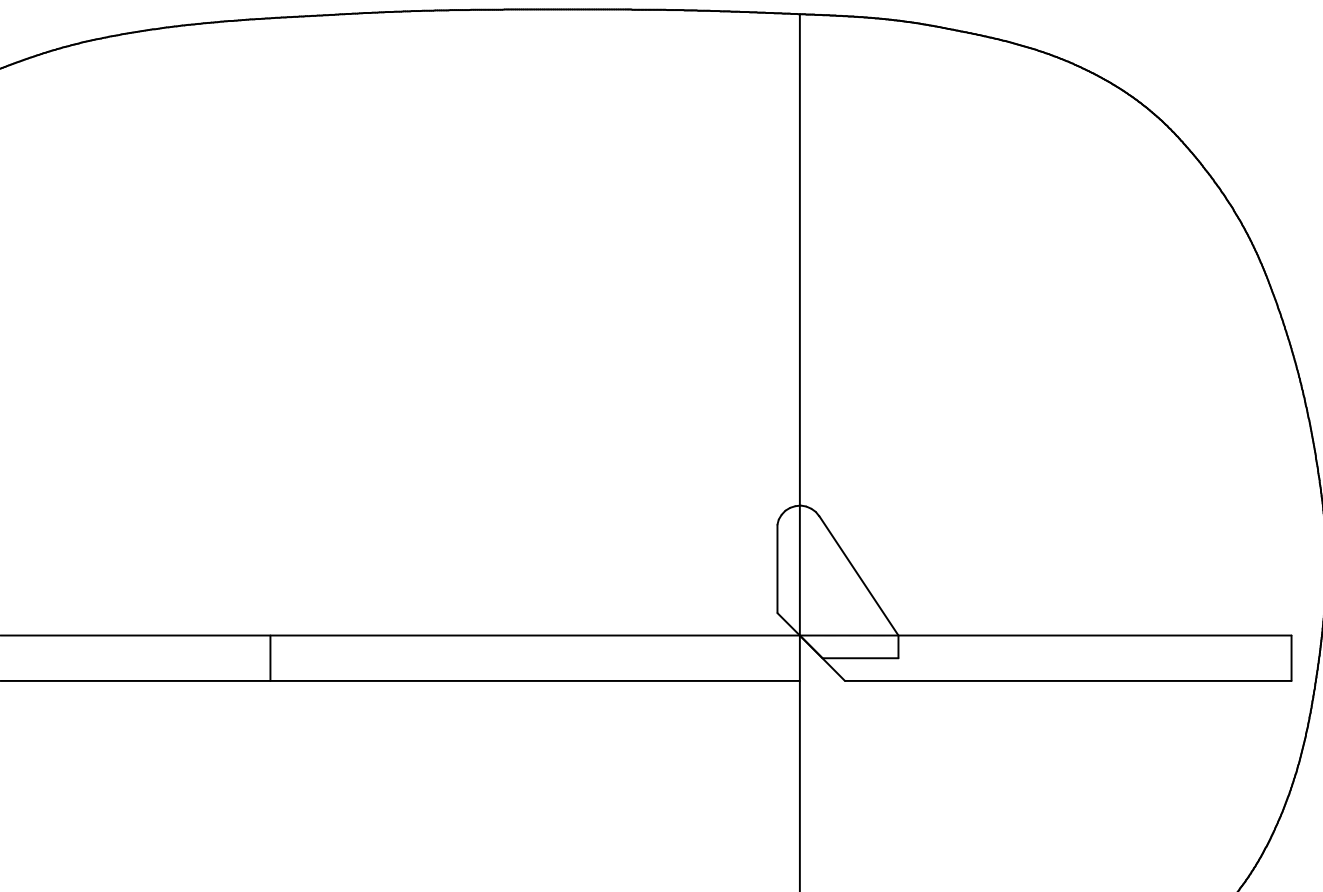
Rotor tilt servo

Rudder servo  
Elevator servo

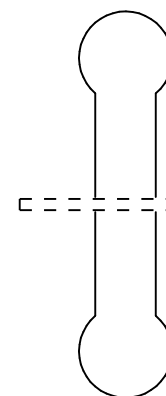


plywood disk to anchor LG  
des of fuselage)

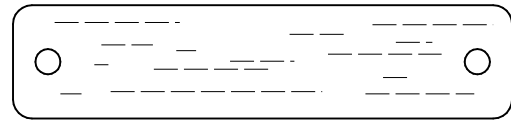
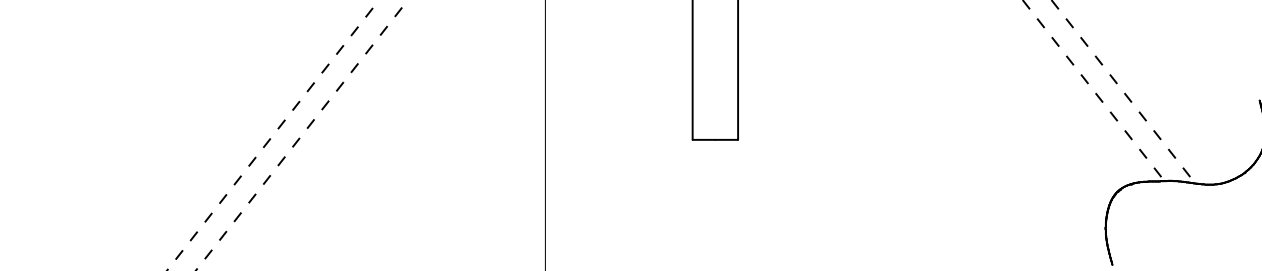
Rudder and elevator horn  
Make two of 1 mm plywood



3 mm



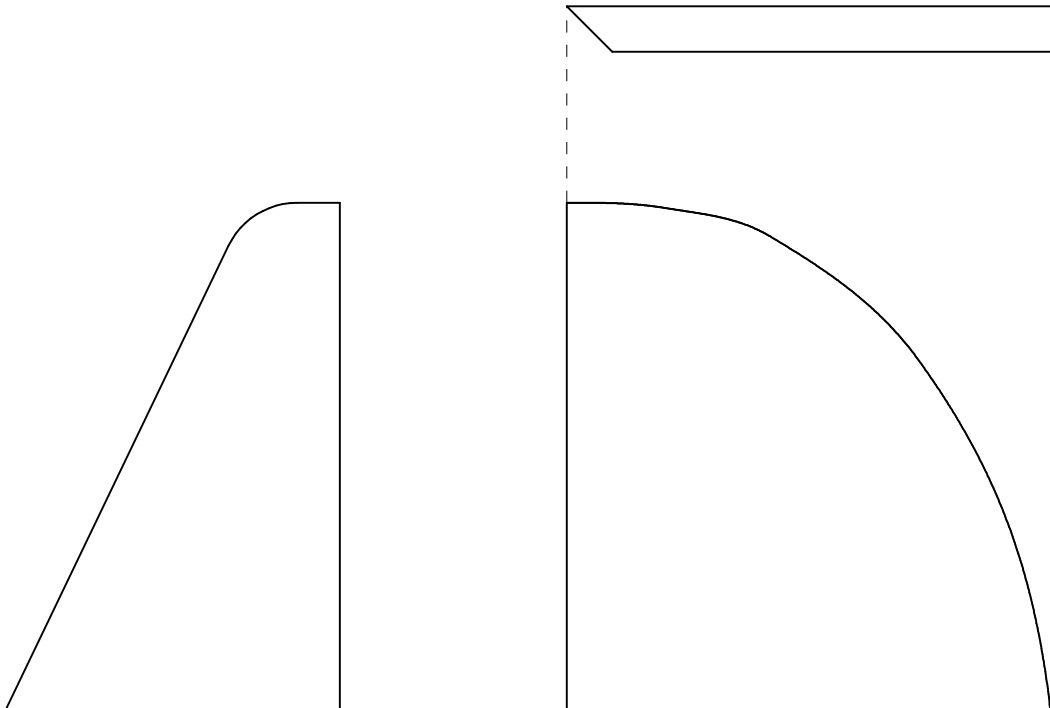
1.5 mm piano wire  
Epoxy in carbon tu

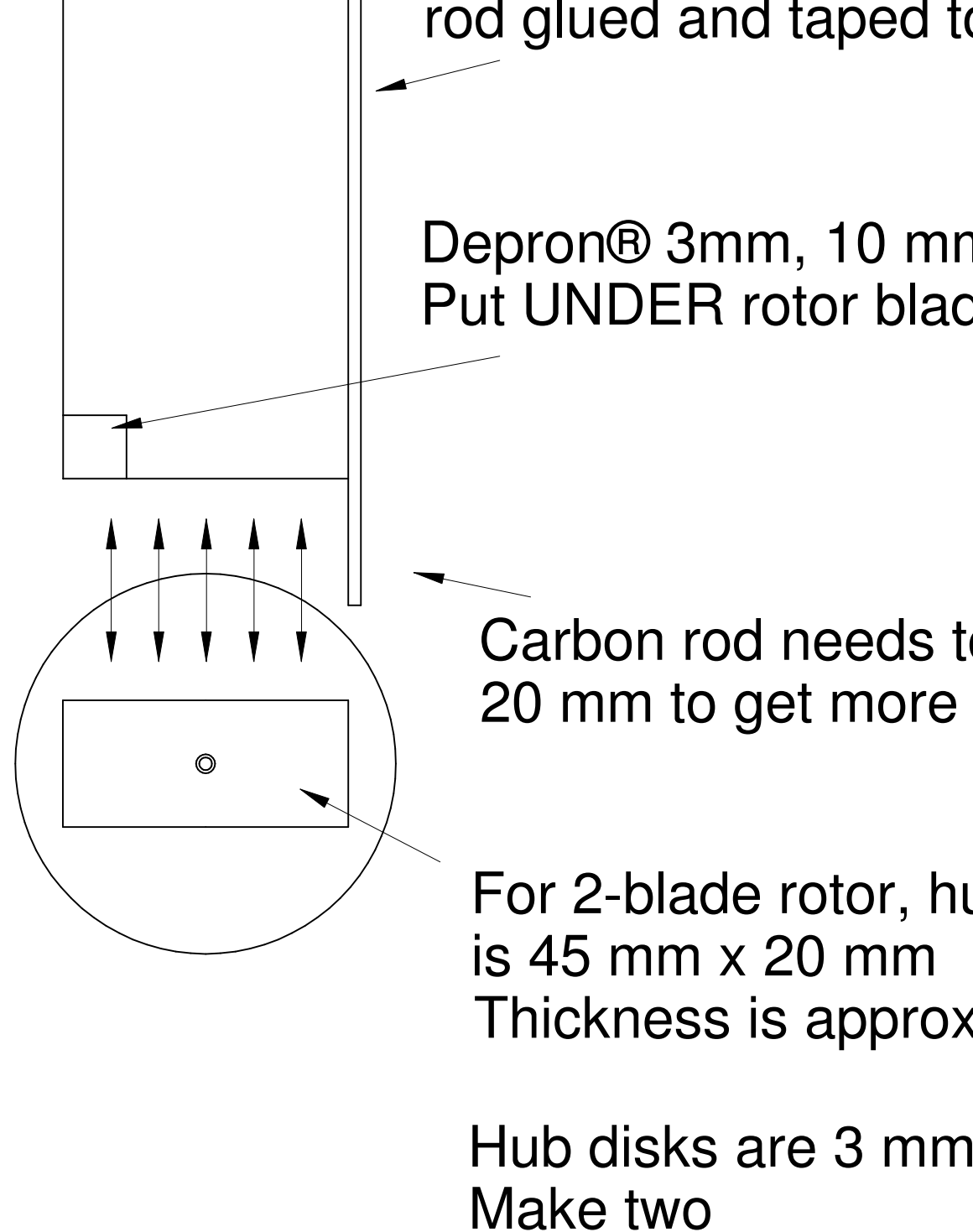


1 mm plywood LG  
reinforcement

m carbon tubing

bing





o depron

n square blade shim  
le!

o stick out  
glueing area

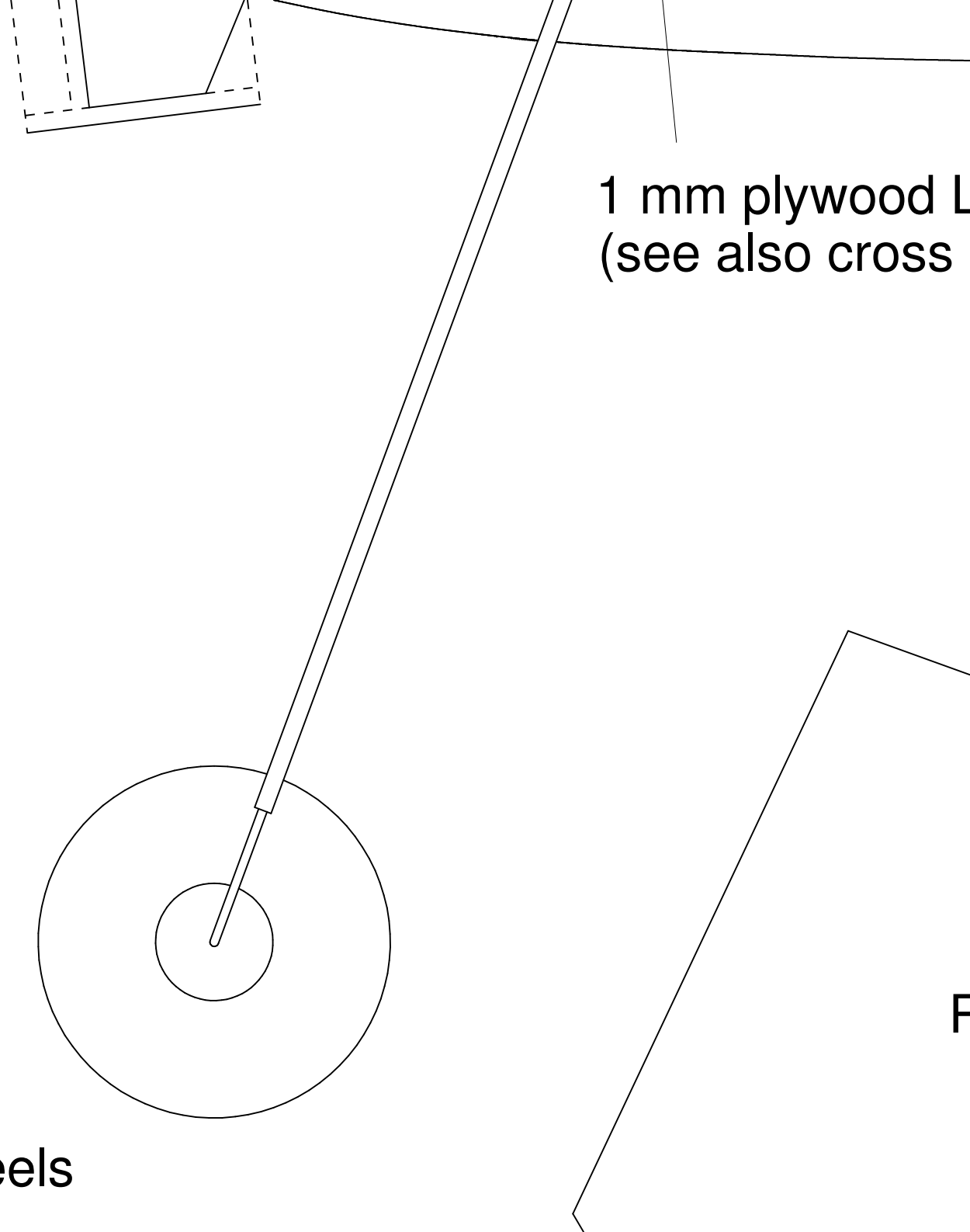
ub center block

x. 7 mm

depron.

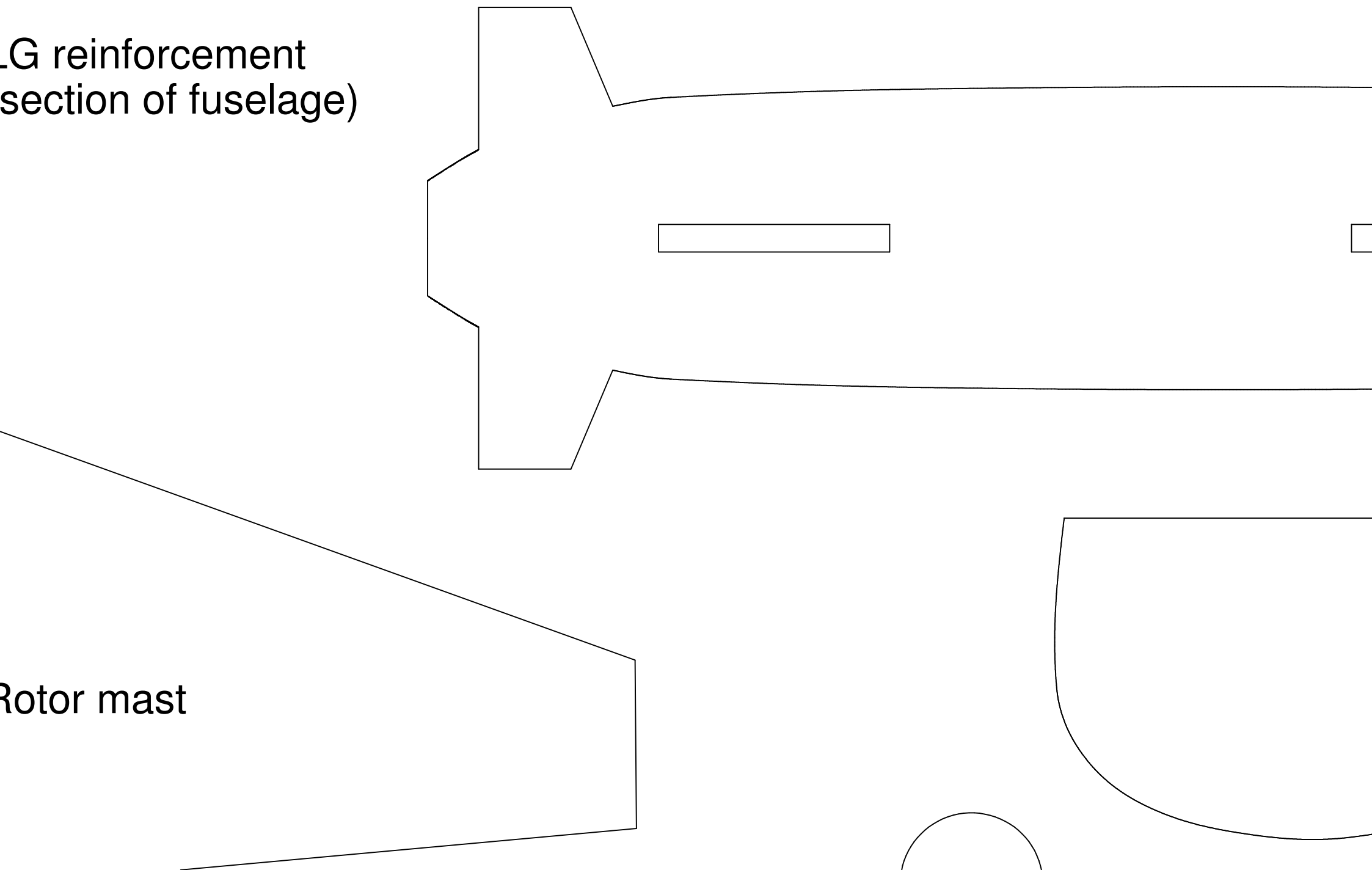
Use 45-60 mm  
lightweight wheels

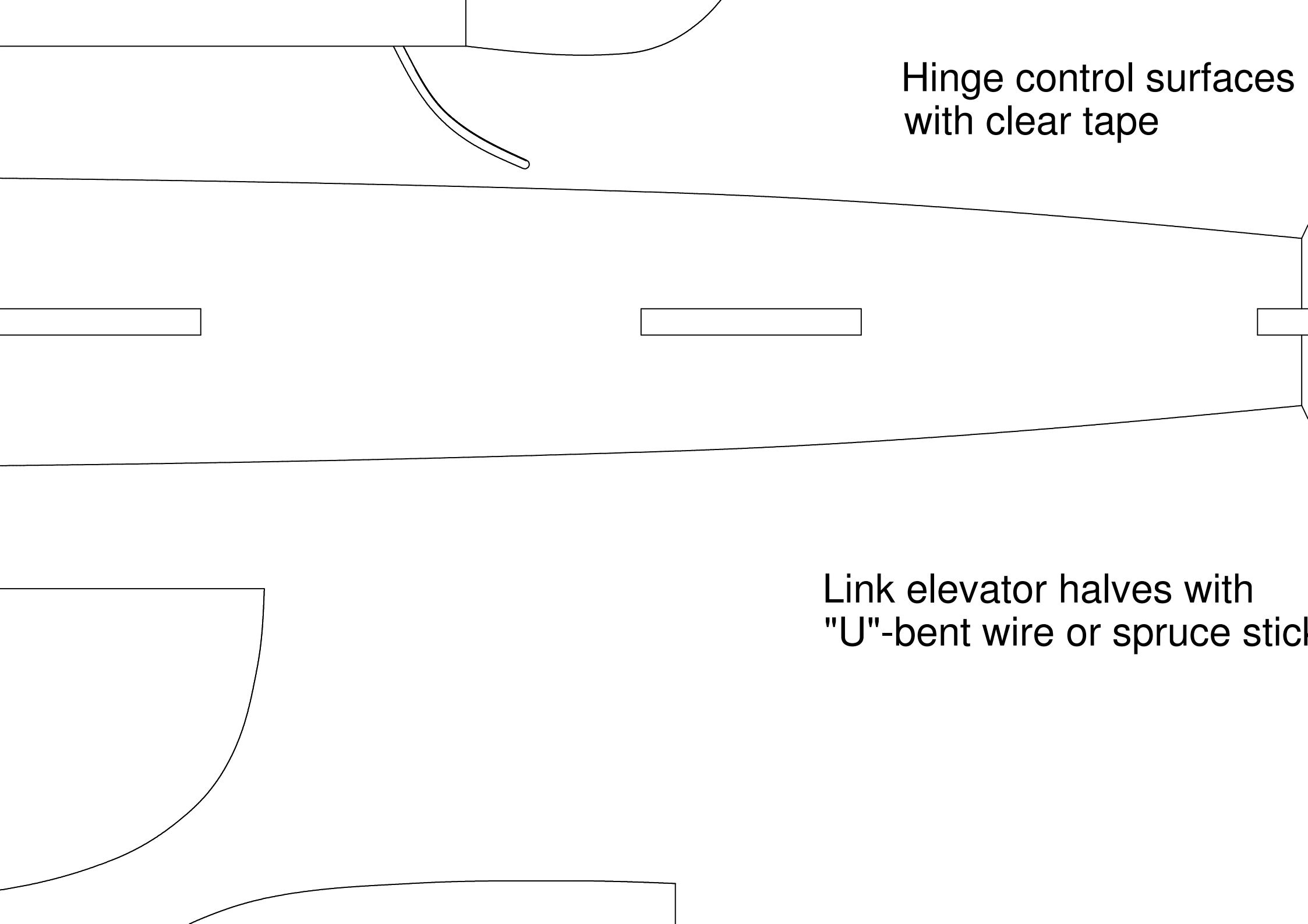
1 mm plywood L  
(see also cross



LG reinforcement  
section of fuselage)

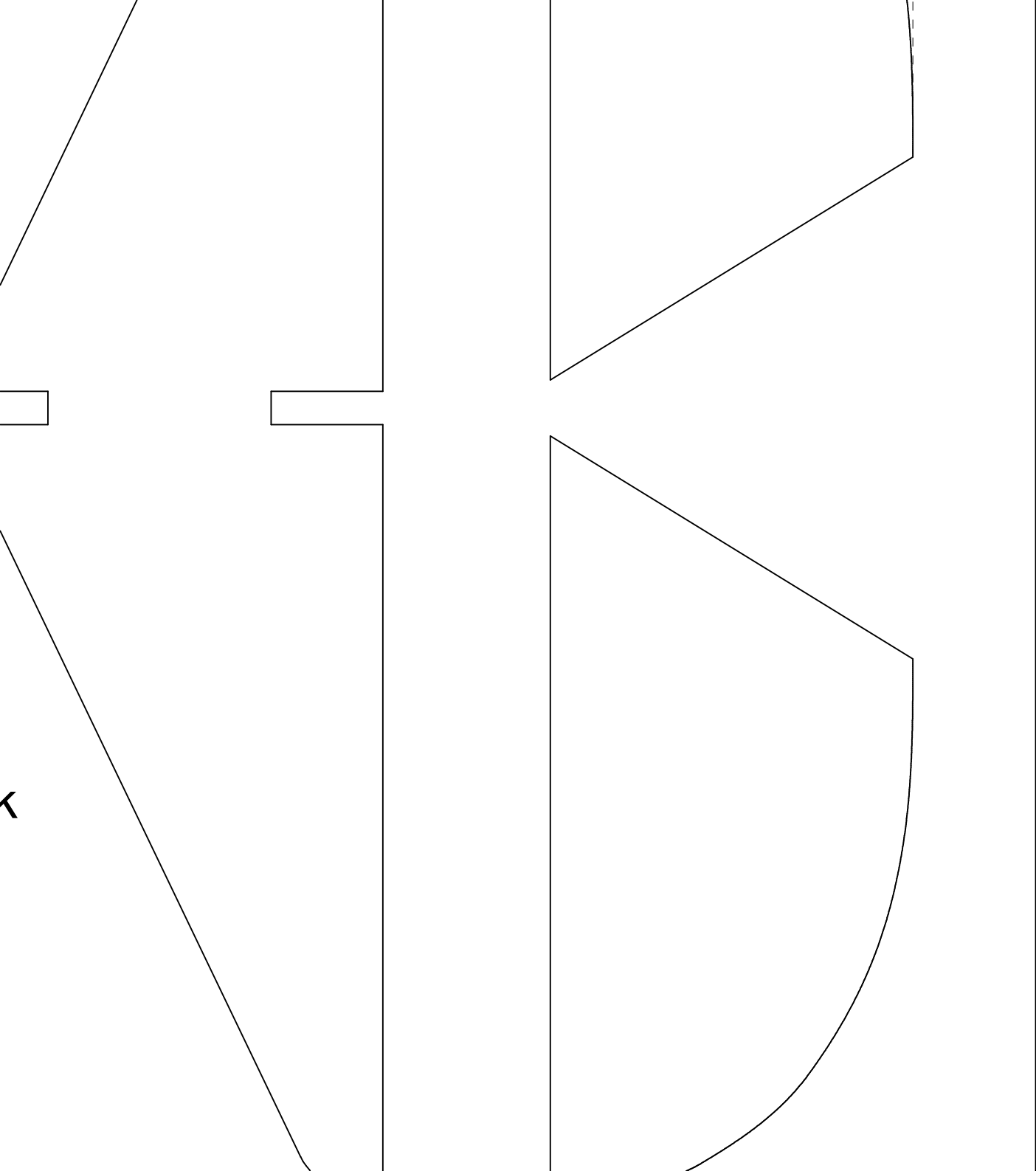
Rotor mast

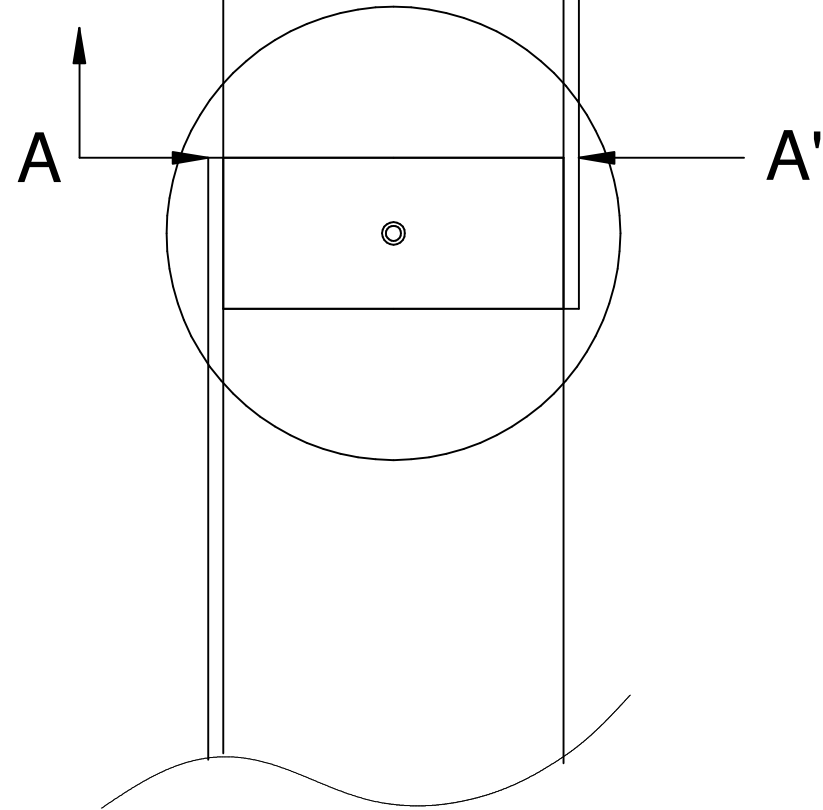




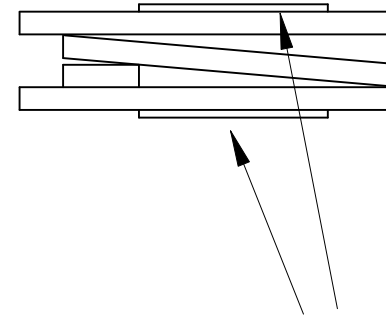
Hinge control surfaces  
with clear tape

Link elevator halves with  
"U"-bent wire or spruce stick



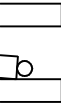


View A-A'

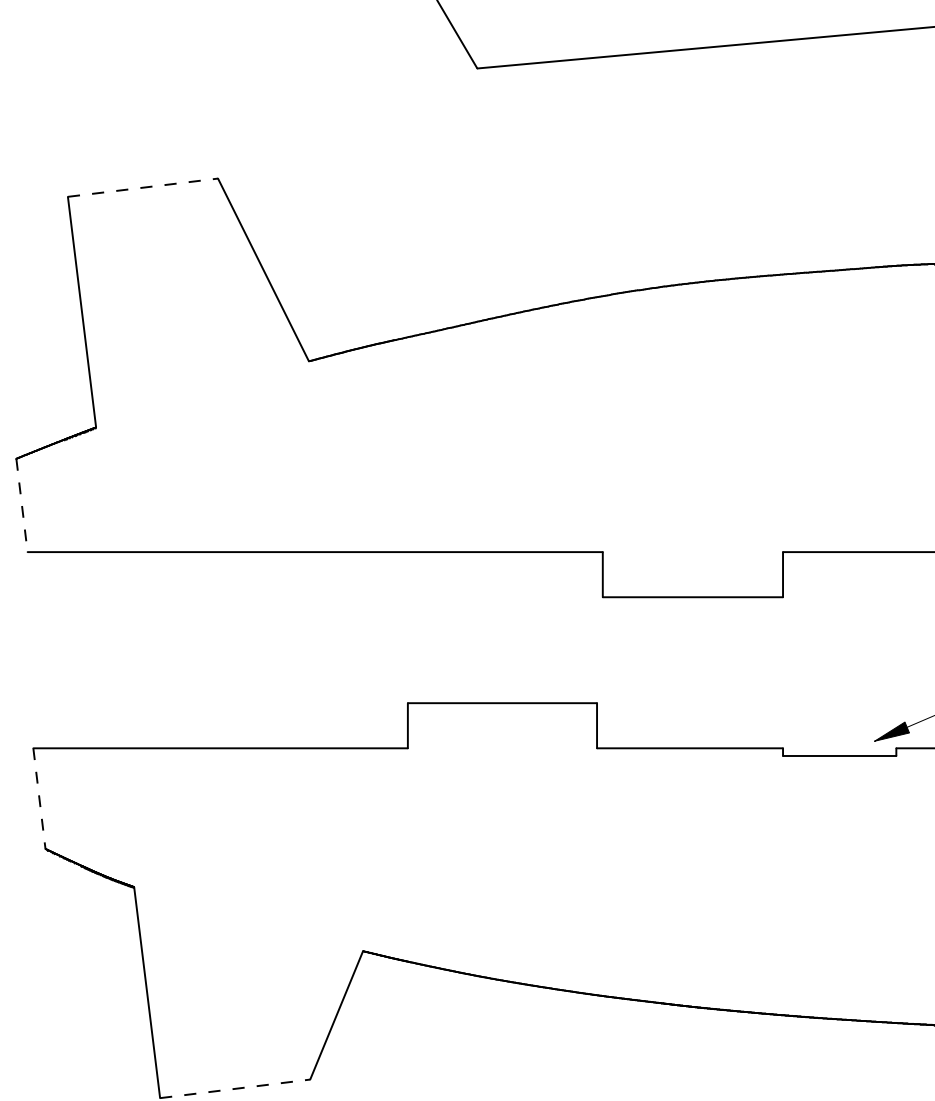


Glue 1 mm p  
(2.5 cm dia.)  
top of rotor h





plywood disks  
on bottom and  
sub for reinforcement





The image shows a technical drawing of a mechanical component, likely a bracket or support. It features a horizontal base with several rectangular cutouts. A callout line points to one of these cutouts, with the text "Do not forget this cutout for the LG brace!". The top of the drawing shows a curved profile with a semi-circular cutout.

Do not forget this cutout for the LG brace!



# J-AG4

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®.

Based upon the J-AG3 and J-AG2

Drawing by Willem Bravenboer

© Gary L. Jones/Willem Bravenboer

REV. 2010-03-20

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

Autogyro design by Gary L. Jones

per