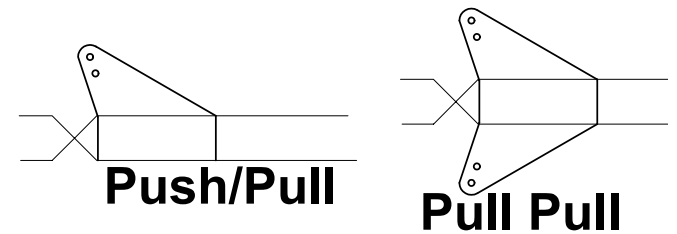




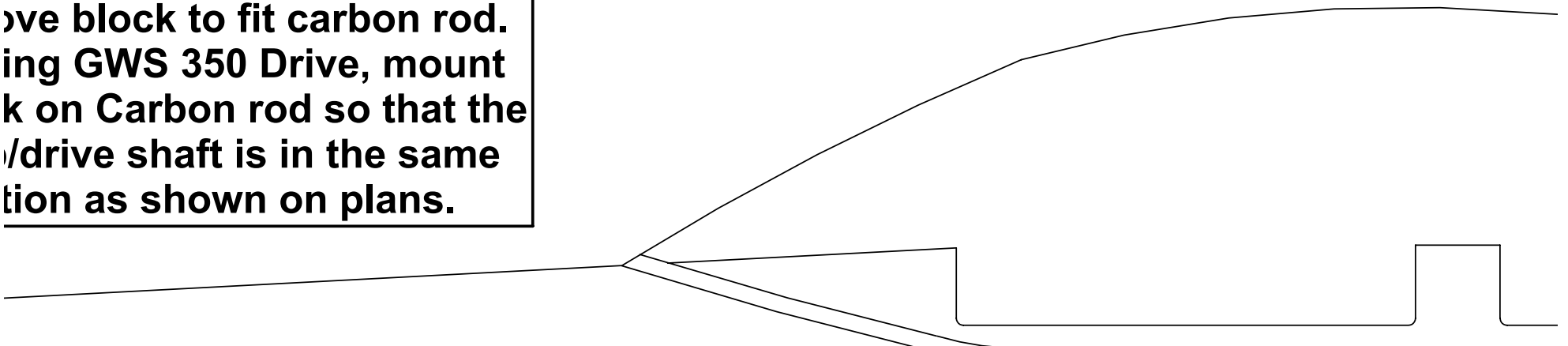
**3/16" zipties**

**3/8" Groc  
If us  
bloc  
prop  
locat**

**Cut Control horns from 1/32  
ply or a plastic coffee can lid**



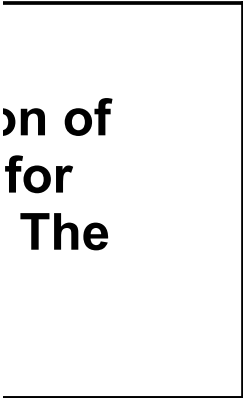
**3/8" Hardwood motor block  
ove block to fit carbon rod.  
ing GWS 350 Drive, mount  
k on Carbon rod so that the  
/drive shaft is in the same  
tion as shown on plans.**



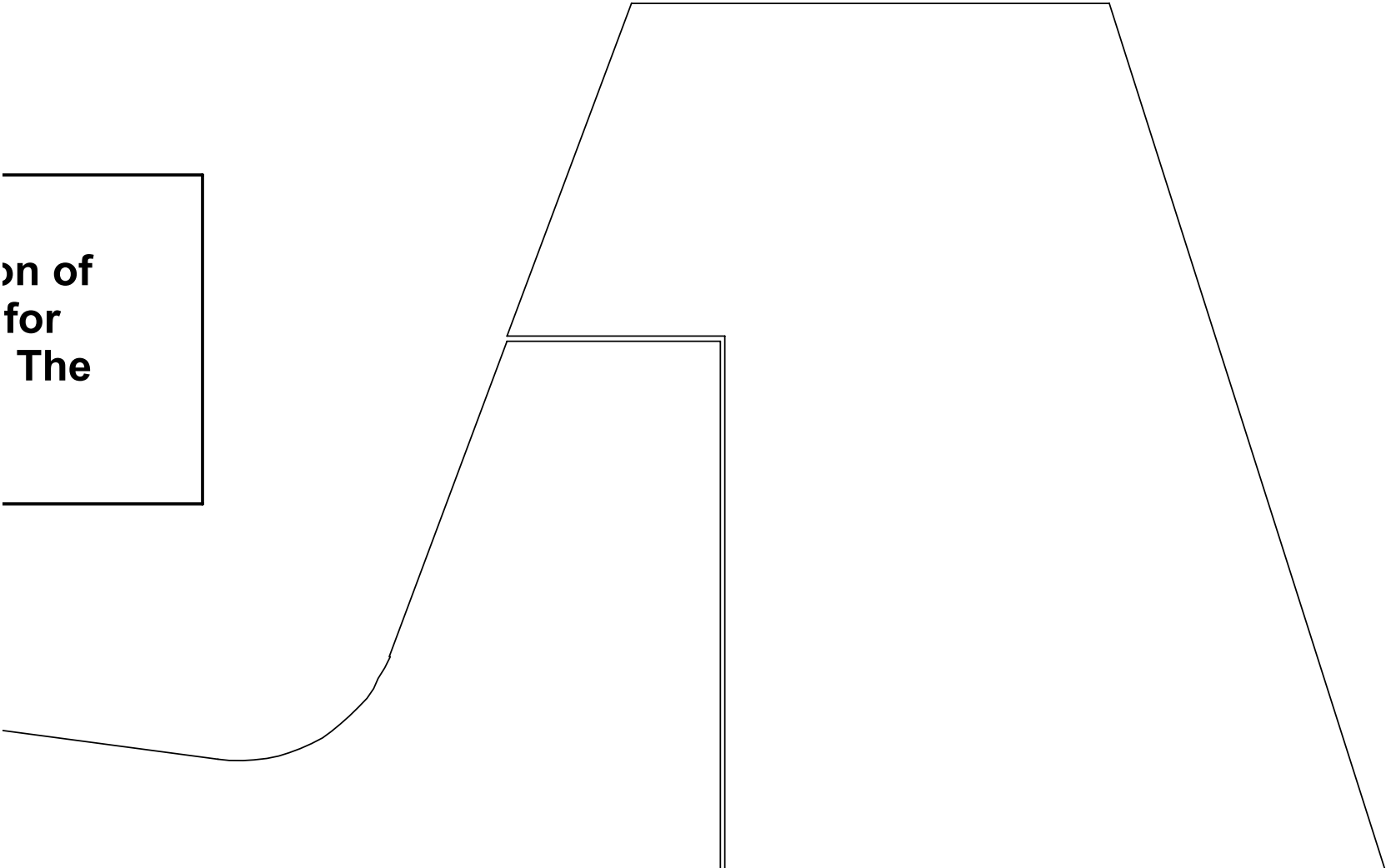
?"  
d.

**Motor stick instillation.**  
You will need to adjust the position  
the Carbon rod and motor mount  
your motor/gearbox combination.  
carbon rod may be in a different  
location, that is OK.

**Elevator Servo (HS-56HB Shown)**



on of  
for  
The



Motor C  
GWS E  
GWS E  
Hacker  
Hacker  
Hacker  
Hacker  
Hacker  
Hacker  
Razor |  
Razor |  
Razor |  
Razor |  
Razor |  
Razor |  
PJS 3E  
PJS 3E  
HiMax  
HiMax  
HiMax  
HiMax



## Motor/Battery Info

Gearing Prop Battery Amp Draw Thrust

EPS350C DS (6.6:1) GWS 12x6 2s1p LiPo 9.5 17.1 oz.

EPS350C DS (6.6:1) GWS 11x4.7 3s1p LiPo 11.5 24.3 oz.

· B20-26S 4:1 Planetary APC 11x4.7 3s1p LiPo 11 amps 22.1 oz.

· B20-31S 4:1 Planetary APC 11x4.7 3s1p LiPo 7.7 amps 18.6 oz.

· B20-15L 4:1 Planetary APC 11x4.7 3s2p LiPo 19.5 amps 38.5 oz.

· B20-15L 4:1 Planetary APC 11x4.7 2s1p LiPo 10.8 amps 20.6 oz.

· B20-18L 4:1 Planetary APC 11x4.7 3s1p LiPo 11.7 amps 27.7 oz.

· B20-18L 4:1 Planetary APC 12x6 3s2p LiPo 19 amps 36.7 oz.

RZ300 GWS/5.3:1 GWS 11x4.7 2s1p LiPo 8.8 amps 15.7 oz.

RZ300 GWS/5.3:1 GWS 12x6 2s1p LiPo 9.9 amps 18.5 oz.

RZ300 GWS/6.6:1 GWS 11x4.7 3s1p LiPo 12 amps 26 oz.

RZ350 GWS/6.6:1 GWS 12x6 3s1p LiPo 12.4 amps 27 oz.

RZ350 GWS/6.6:1 GWS 11x4.7 3s1p LiPo 8.7 amps 21.2 oz.

MicroHeli v2 GWS/6.6:1 GWS 12x6 3s1p LiPo 8.9 amps 22.8 oz.

) 500 Direct APC 10x4.7 3s2p LiPo 16.4 amps 21.9 oz.

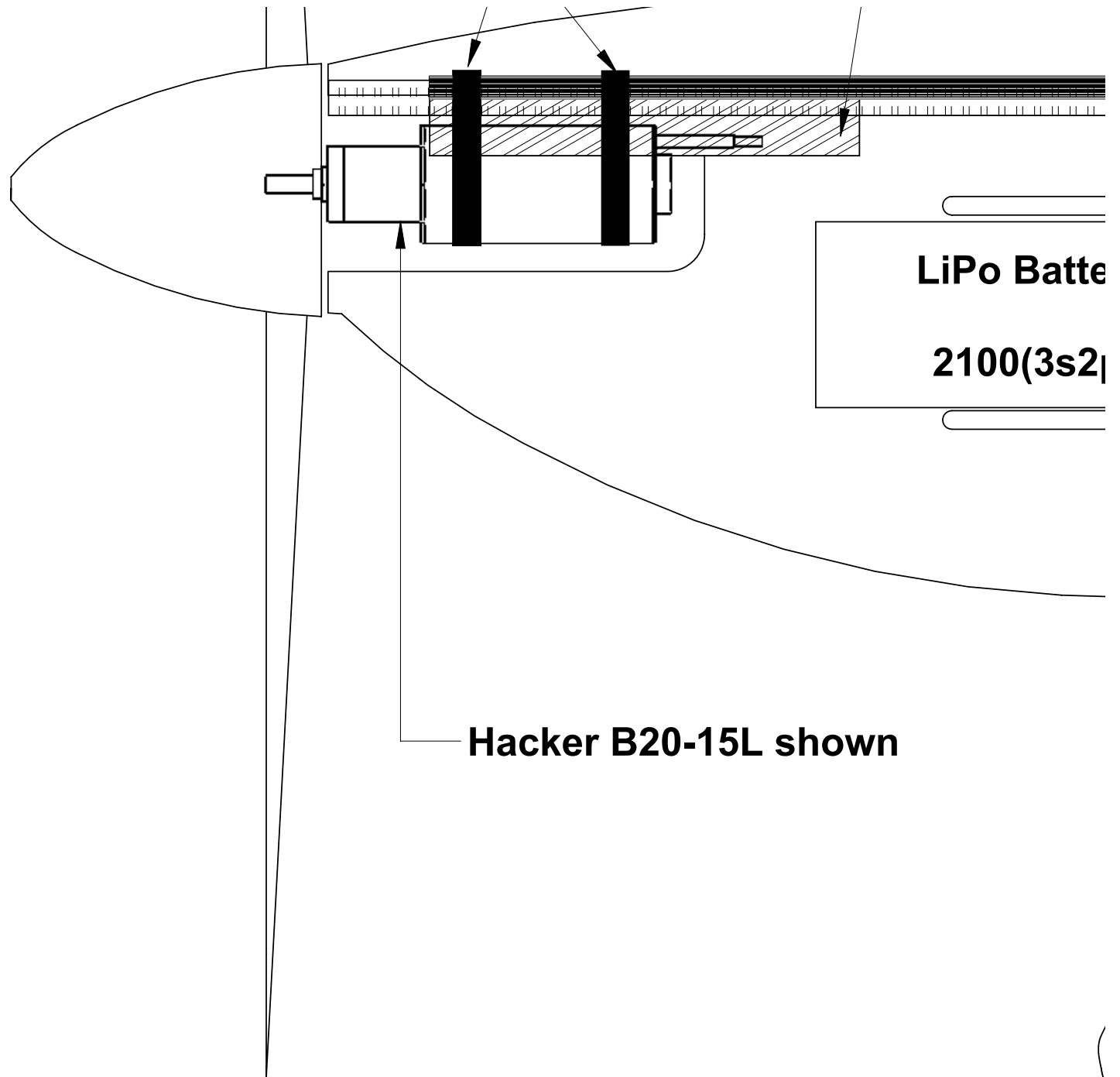
) 550 Direct APC 10x4.7 3s2p LiPo 13.8 amps 20.7 oz.

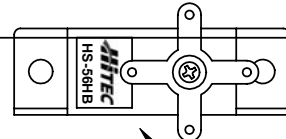
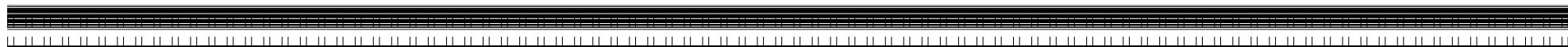
HA2015-3600 GWS/5.3:1 GWS 12x6 3s1p LiPo 8.7 amps 20.5 oz.

HA2015-3600 GWS/6.6:1 GWS 12x6 3s1p LiPo 6.5 amps 18.5 oz.

HA2015-4100 GWS/6.6:1 GWS 12x6 3s1p LiPo 11.2 amps 26.4 oz.

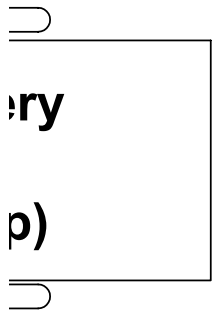
HA2015-4100 GWS/5.3:1 GWS 11x4.7 3s1p LiPo 11.6 amps 25.2 oz.



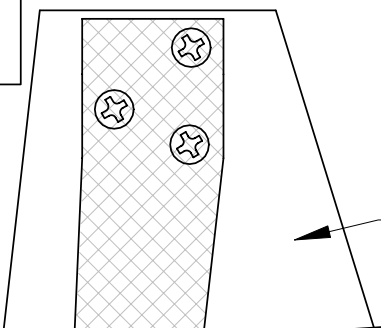


**4mm Car**

**Aileron Servo (HS-55 Shown)**



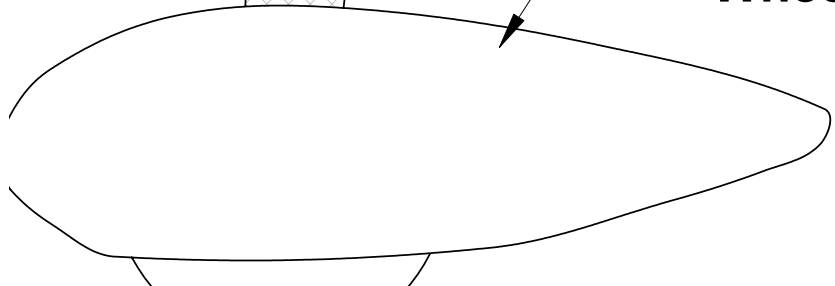
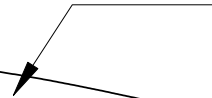
**1/64 ply gear mount plates**

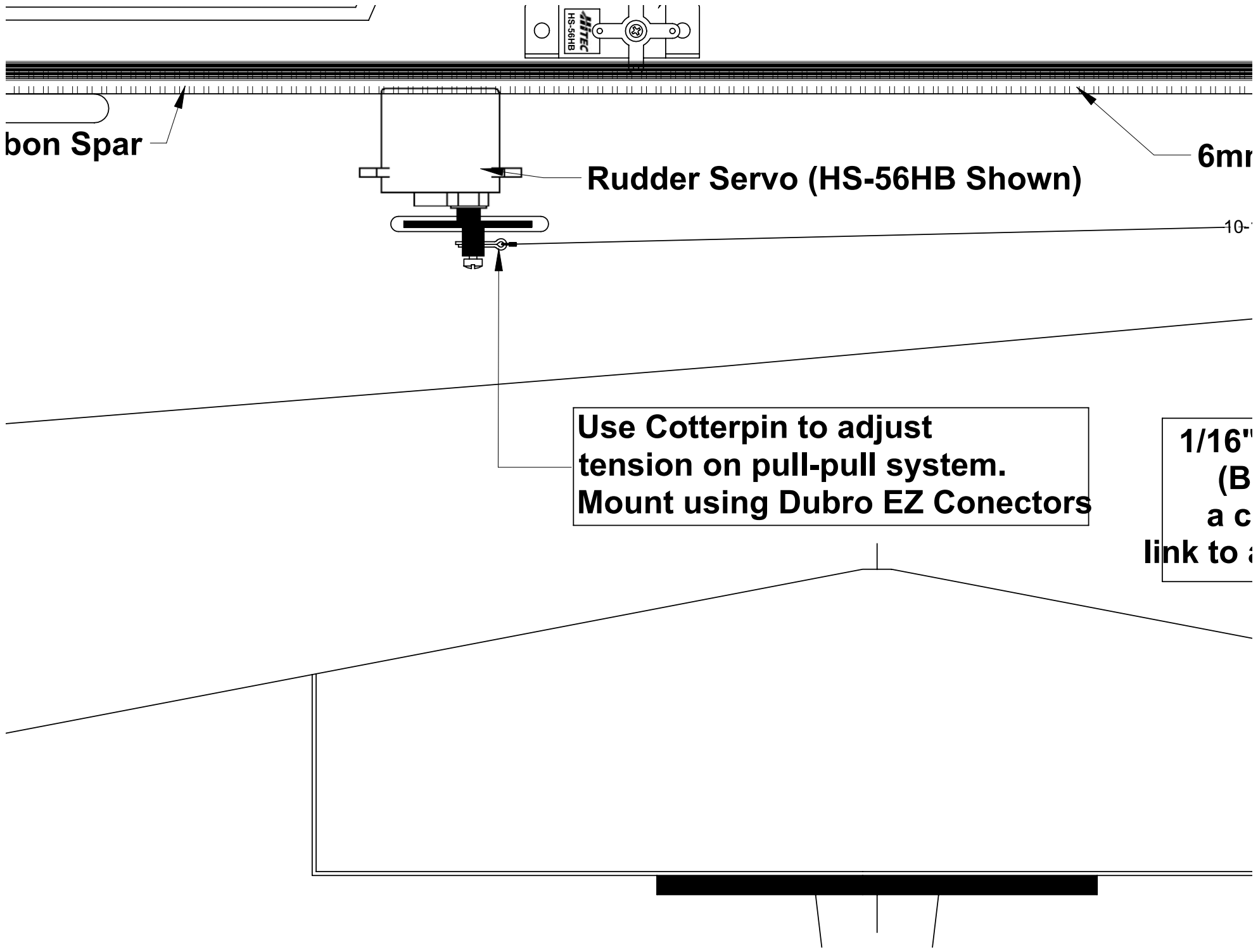


**Molded Carbon Fiber Gear**



**Vacuum Formed  
Wheel Pants**





**Rudder Servo (HS-56HB Shown)**

**Use Cotterpin to adjust  
tension on pull-pull system.  
Mount using Dubro EZ Conectors**

**1/16"  
(B  
a c  
link to :**



HiMax  
HiMax  
HiMax  
HiMax

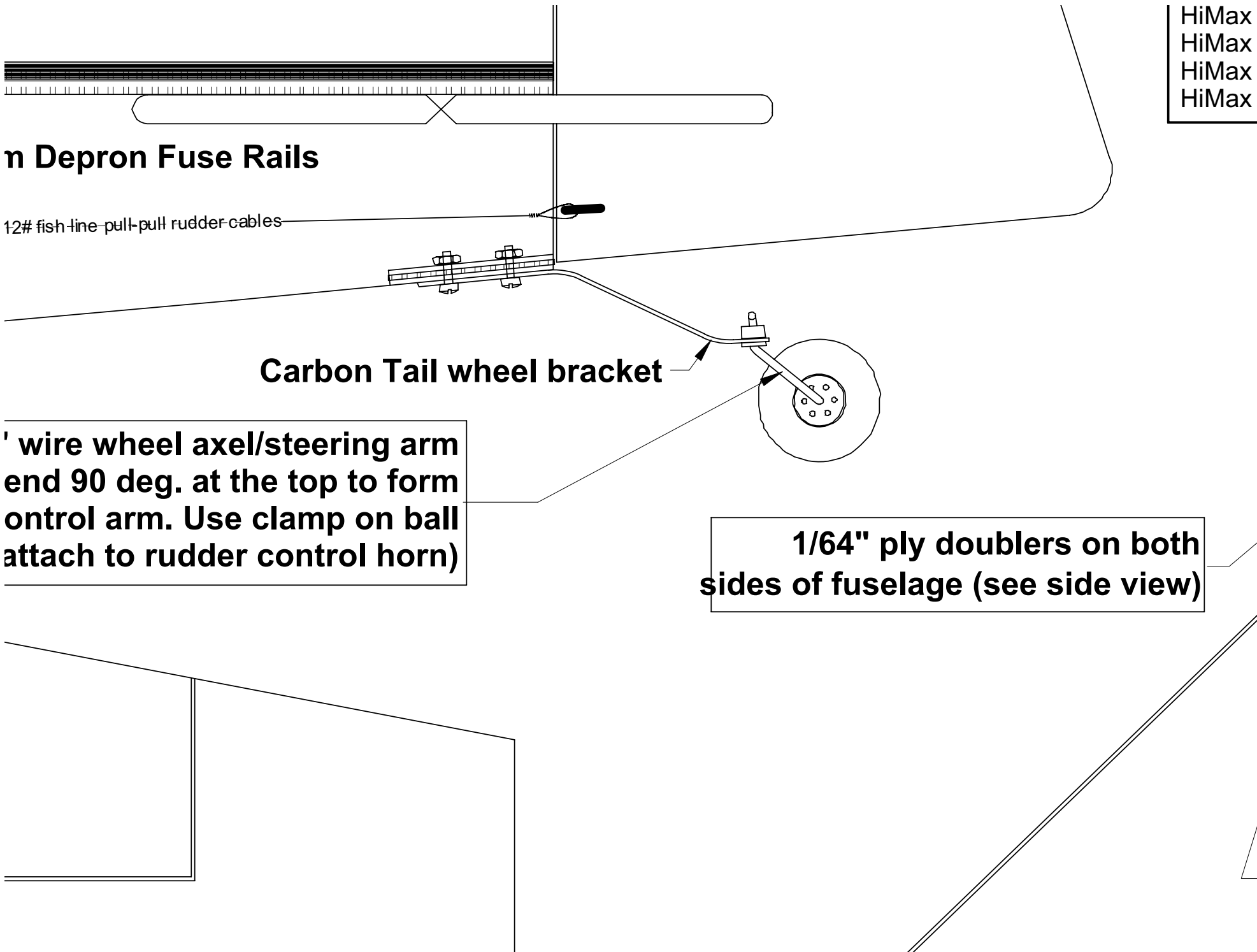
## n Depron Fuse Rails

12# fish-line-pull-pull rudder cables

Carbon Tail wheel bracket

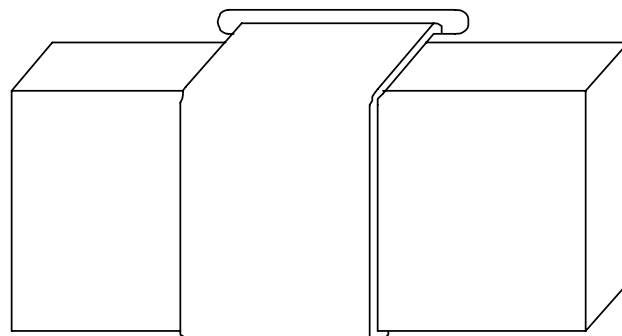
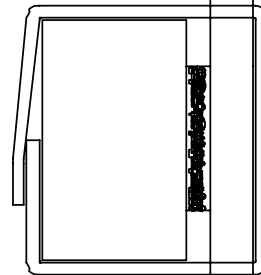
' wire wheel axel/steering arm  
end 90 deg. at the top to form  
control arm. Use clamp on ball  
attach to rudder control horn)

1/64" ply doublers on both  
sides of fuselage (see side view)



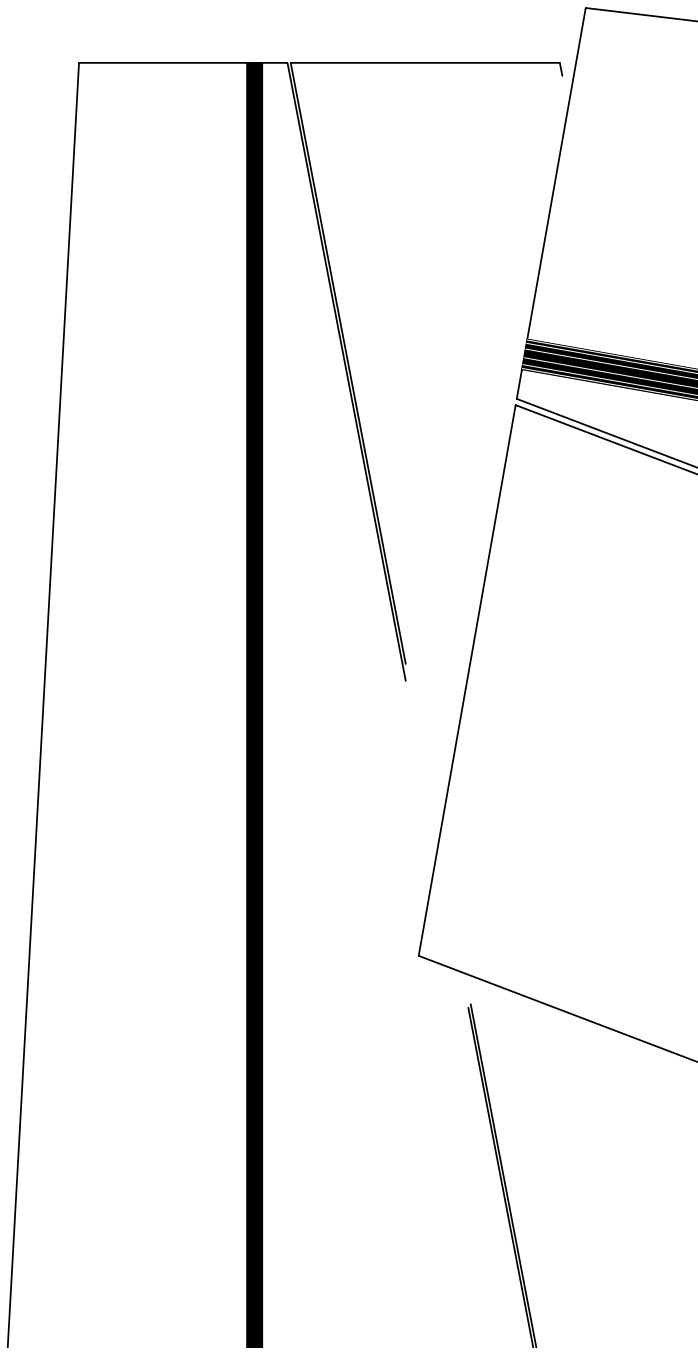
HA2015-5400 GWS/6.6:1 GWS 12x6 2s1p LiPo 10.2 amps 17.8 oz.  
HA2025-3236 3.6:1 Planetary APC 11x4.7 3s2p LiPo 14 amps 29.3 oz.  
HA2025-3236 3.6:1 Planetary APC 12x6 3s2p LiPo 17 amps 32.2 oz.  
HA2025-4236 4.3:1 Planetary APC 11x4.7 3s2p Lipo 20.2 amps 38.1 oz.

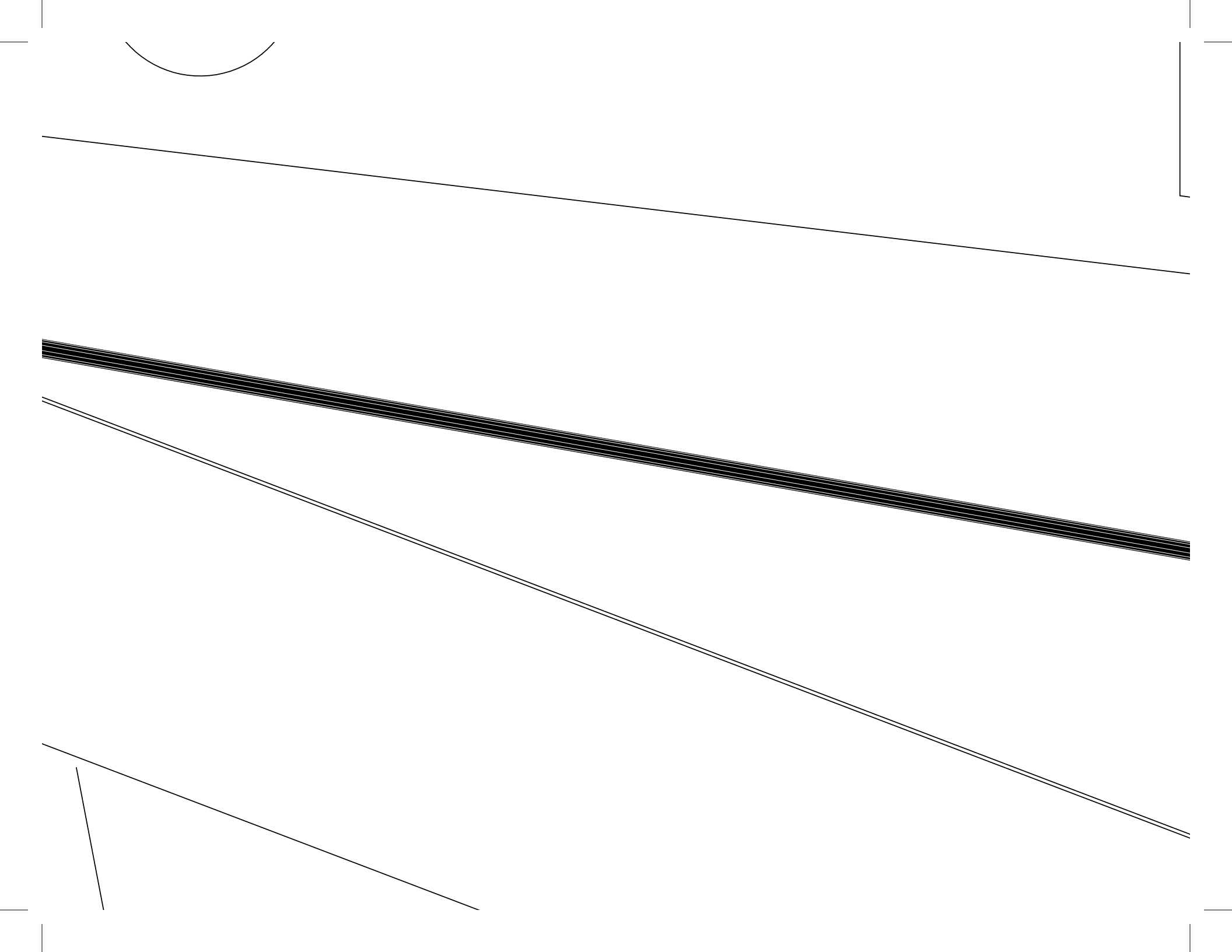
**Mount Battery Pack  
with 1" Velcro strap.  
Also use adhesive  
Velcro on the side of  
fuselage and back of  
pack to secure in  
place.**

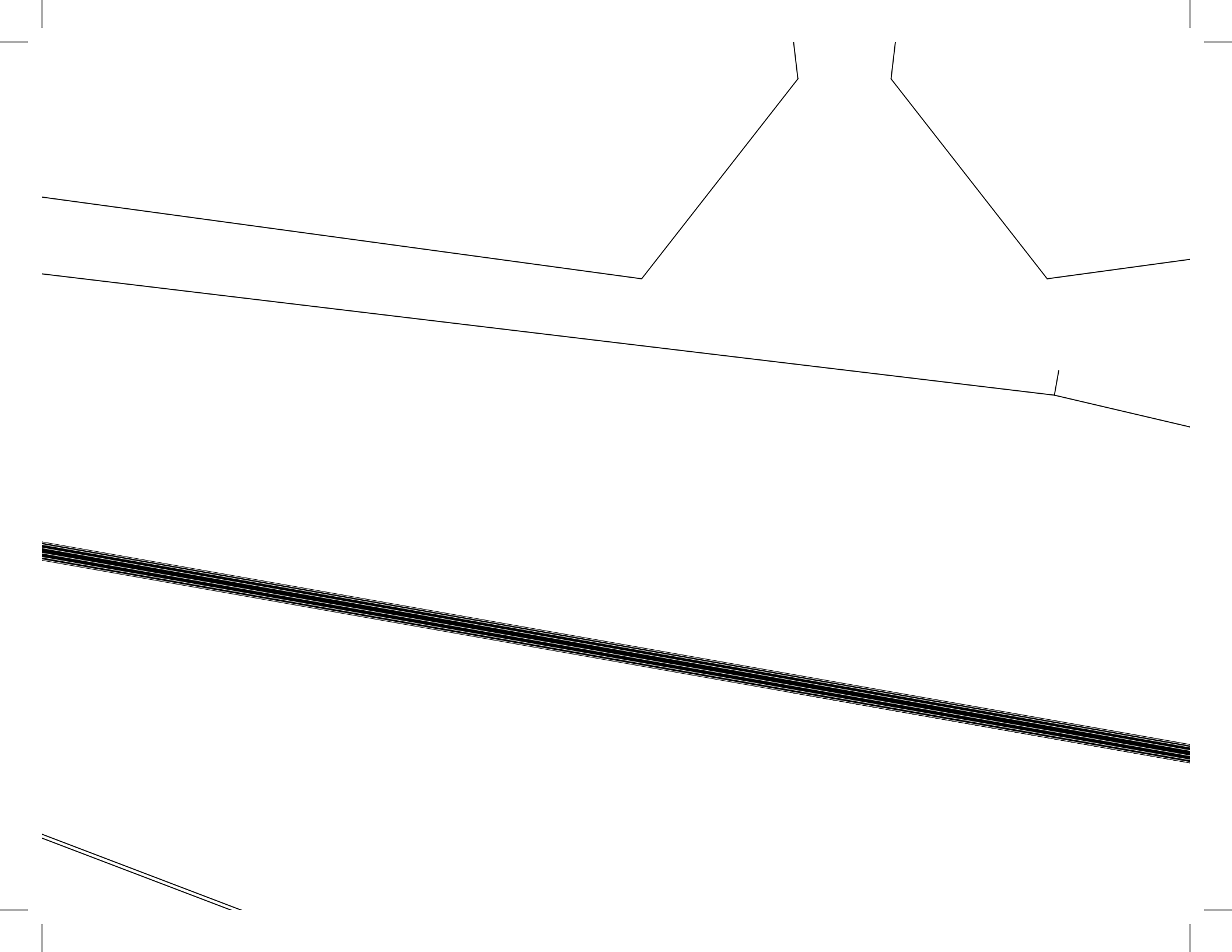


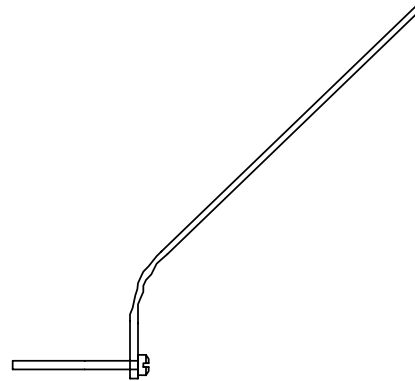
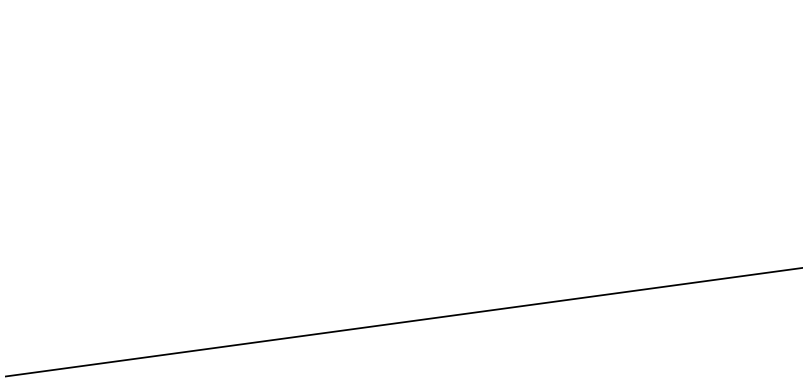
**— 6mm Depron Fuse**

**Molded Carbon Gear Legs**

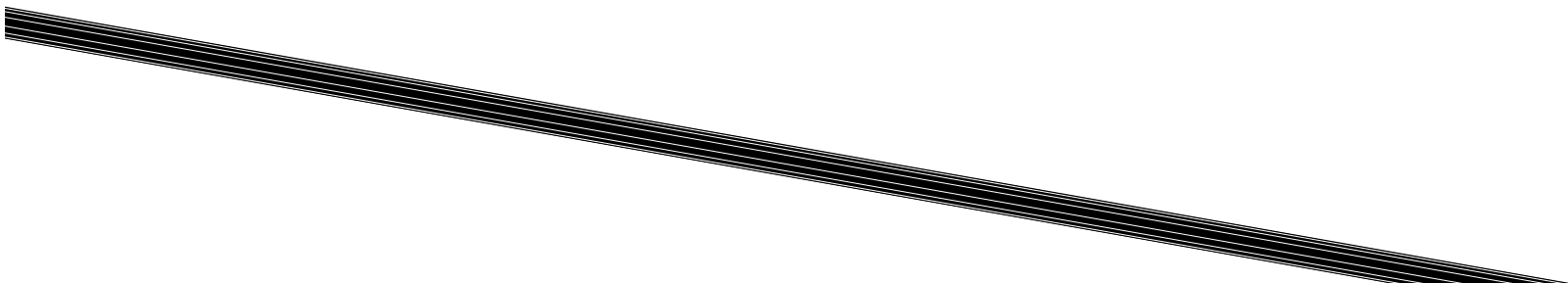
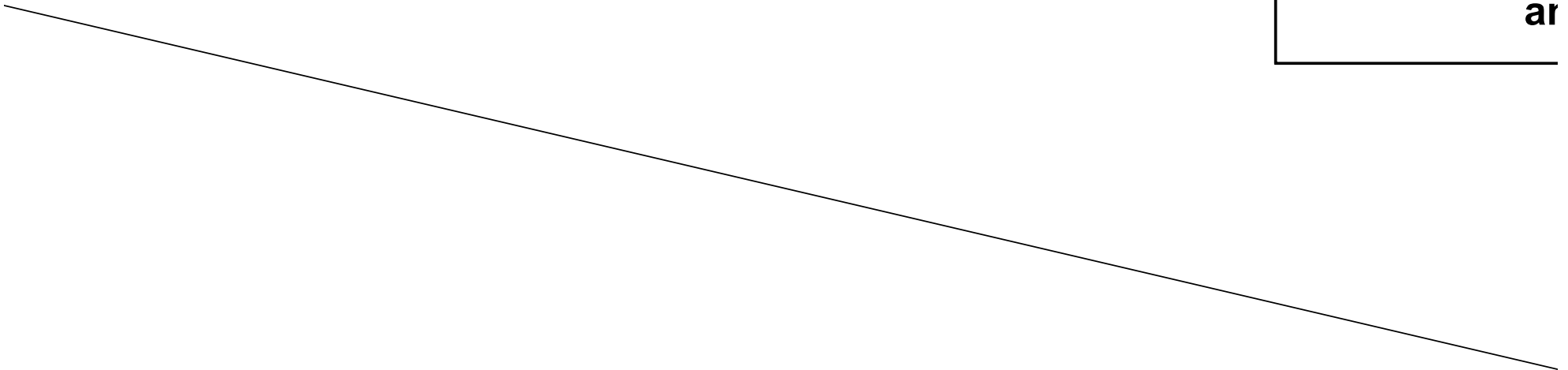




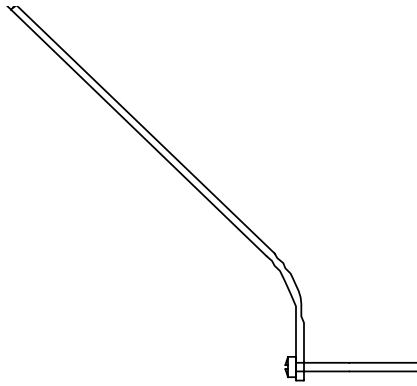


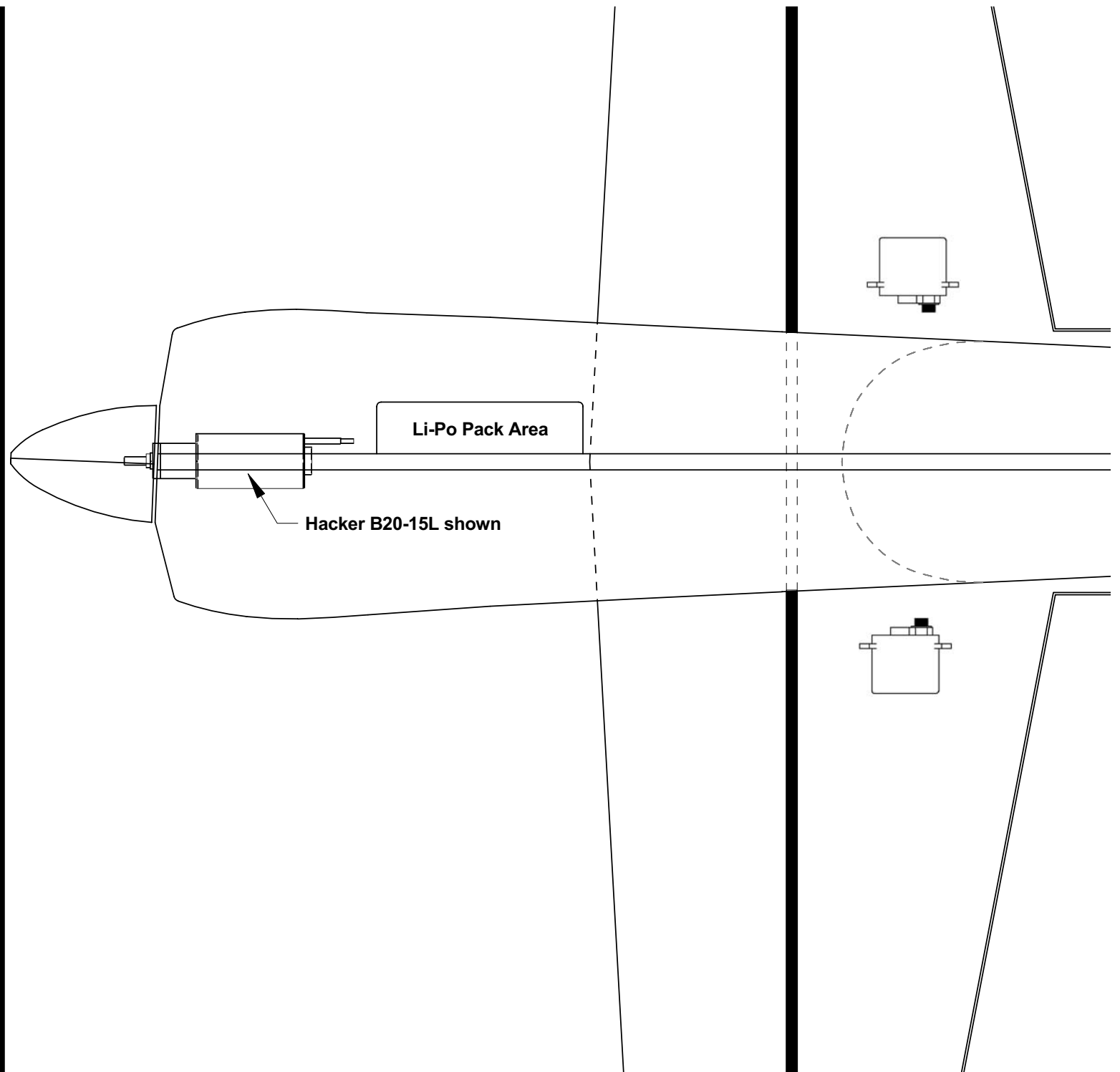


**All hinging for  
tape or actual  
points epoxied  
are**

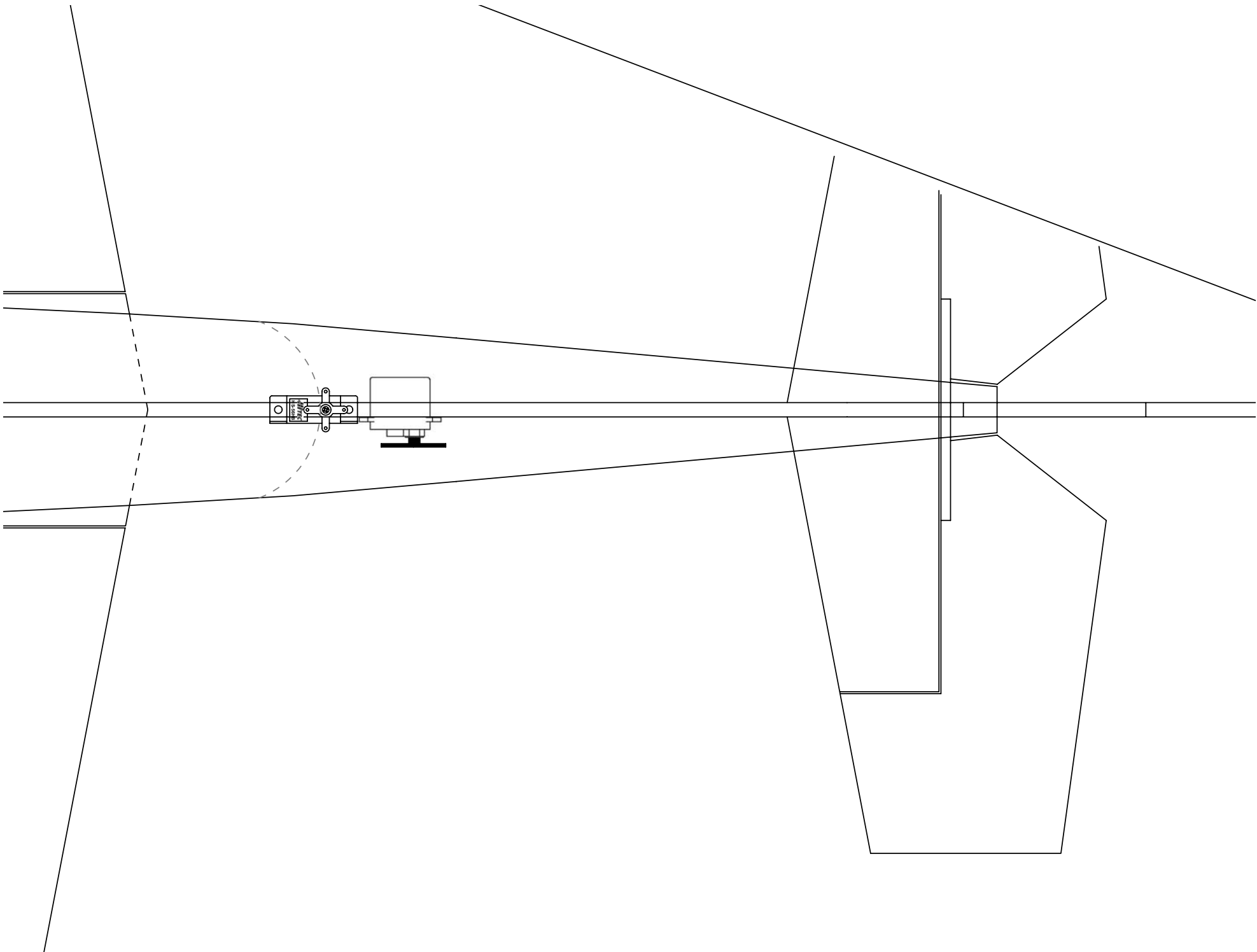


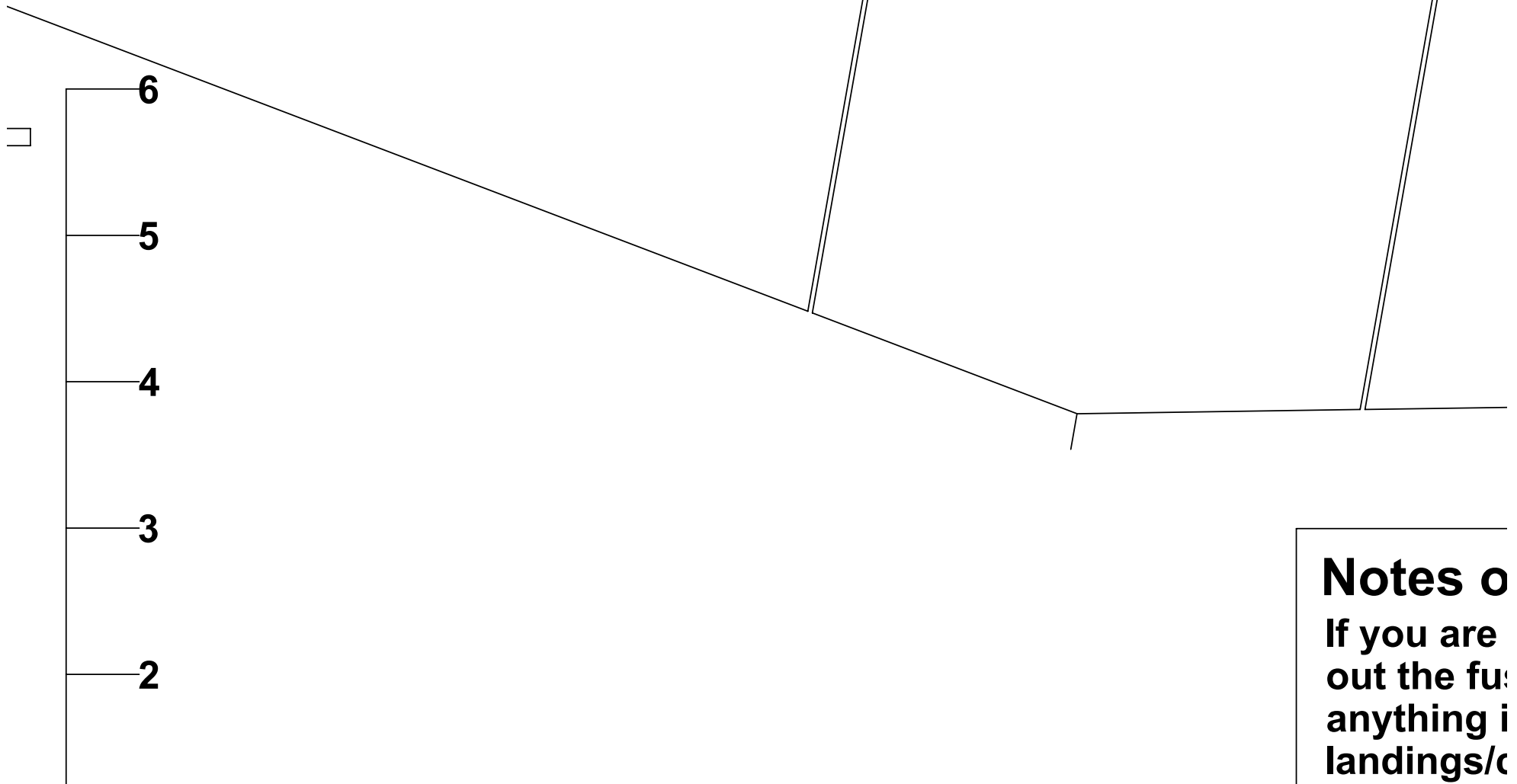
**control surfaces can be packing  
al hinges. I prefer robart hinge  
l in place for the added longevity  
nd control freeness.**











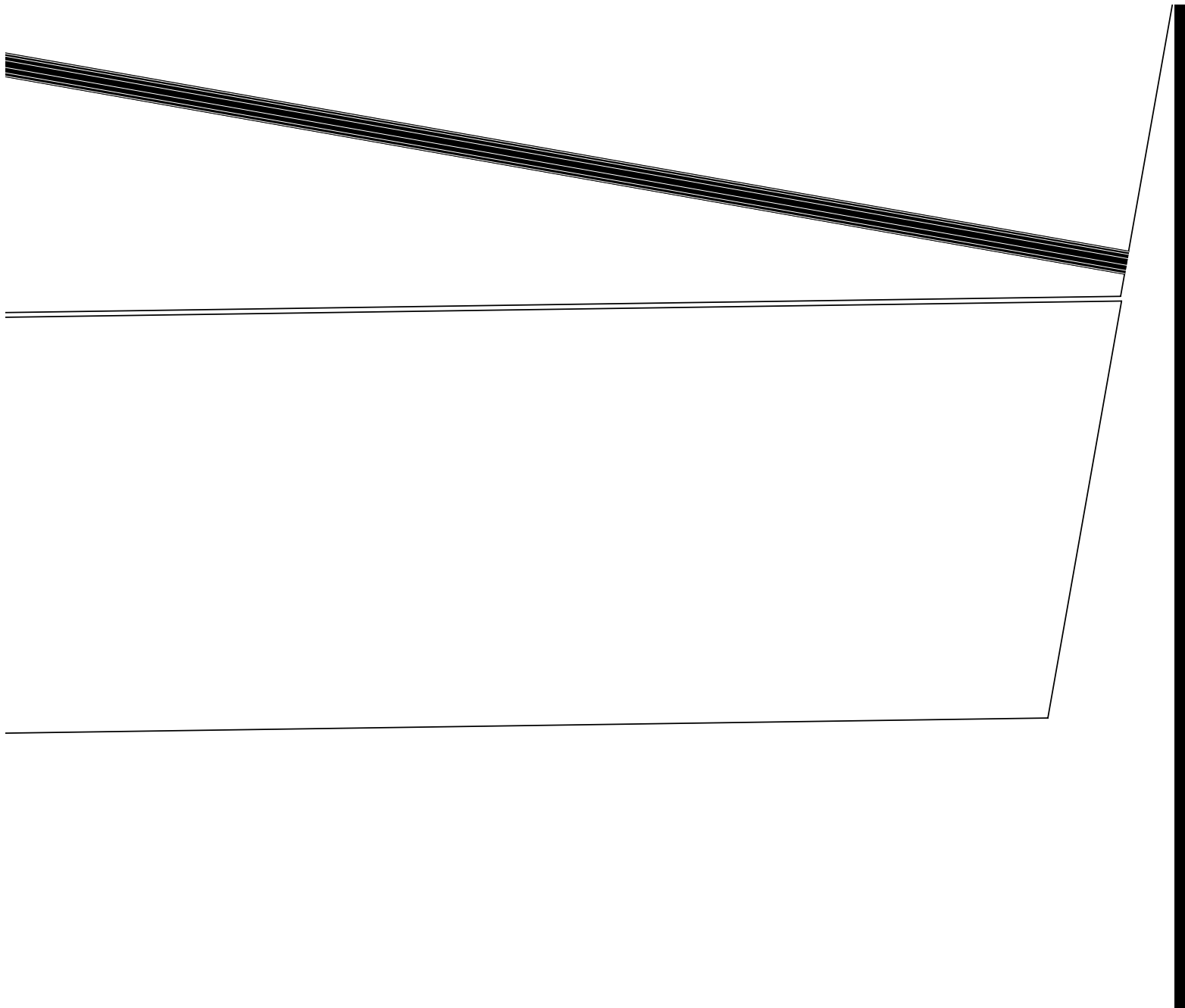
**Notes on**  
If you are  
out the fus  
anything i  
landings/c



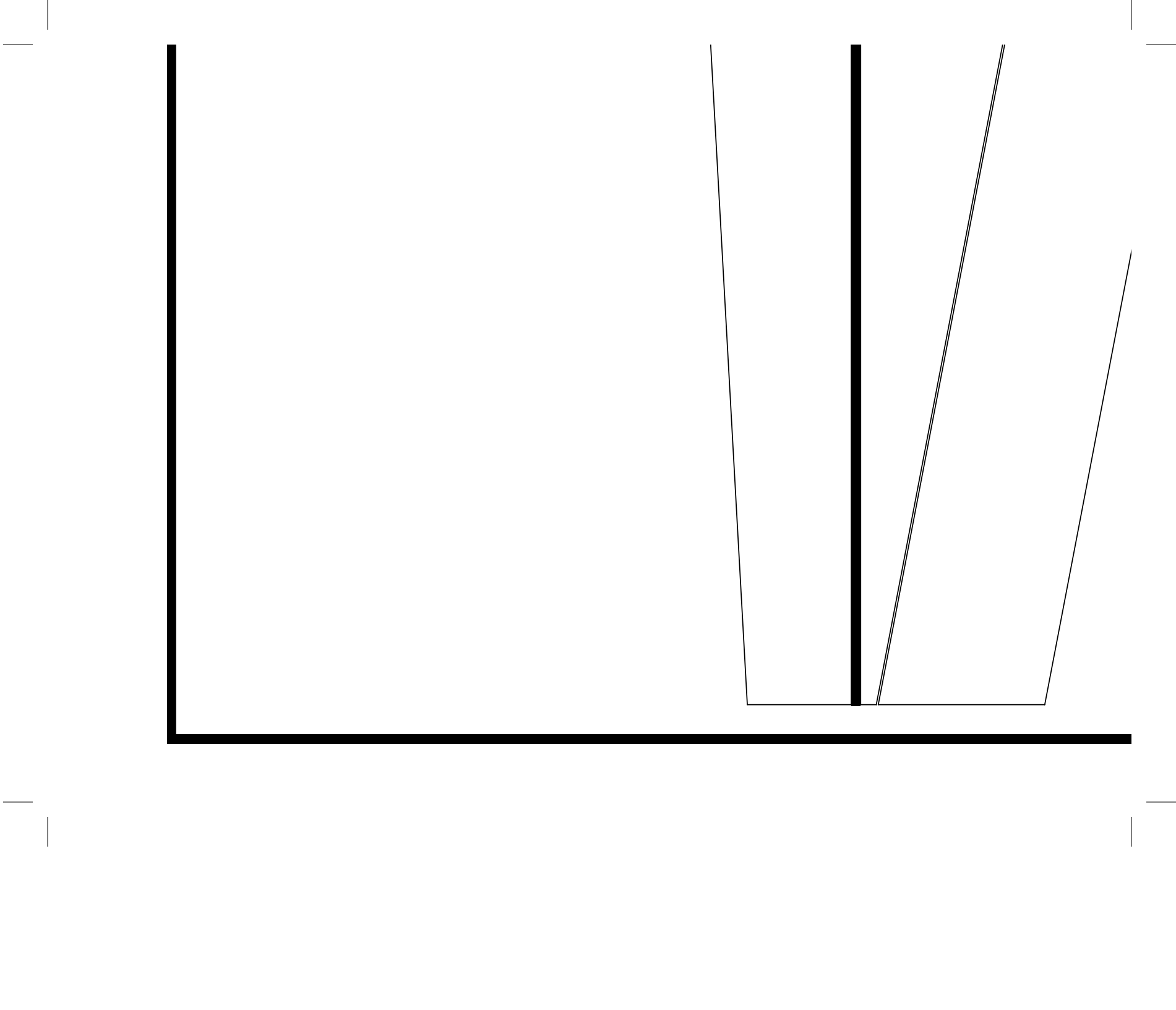
## on the fuse:

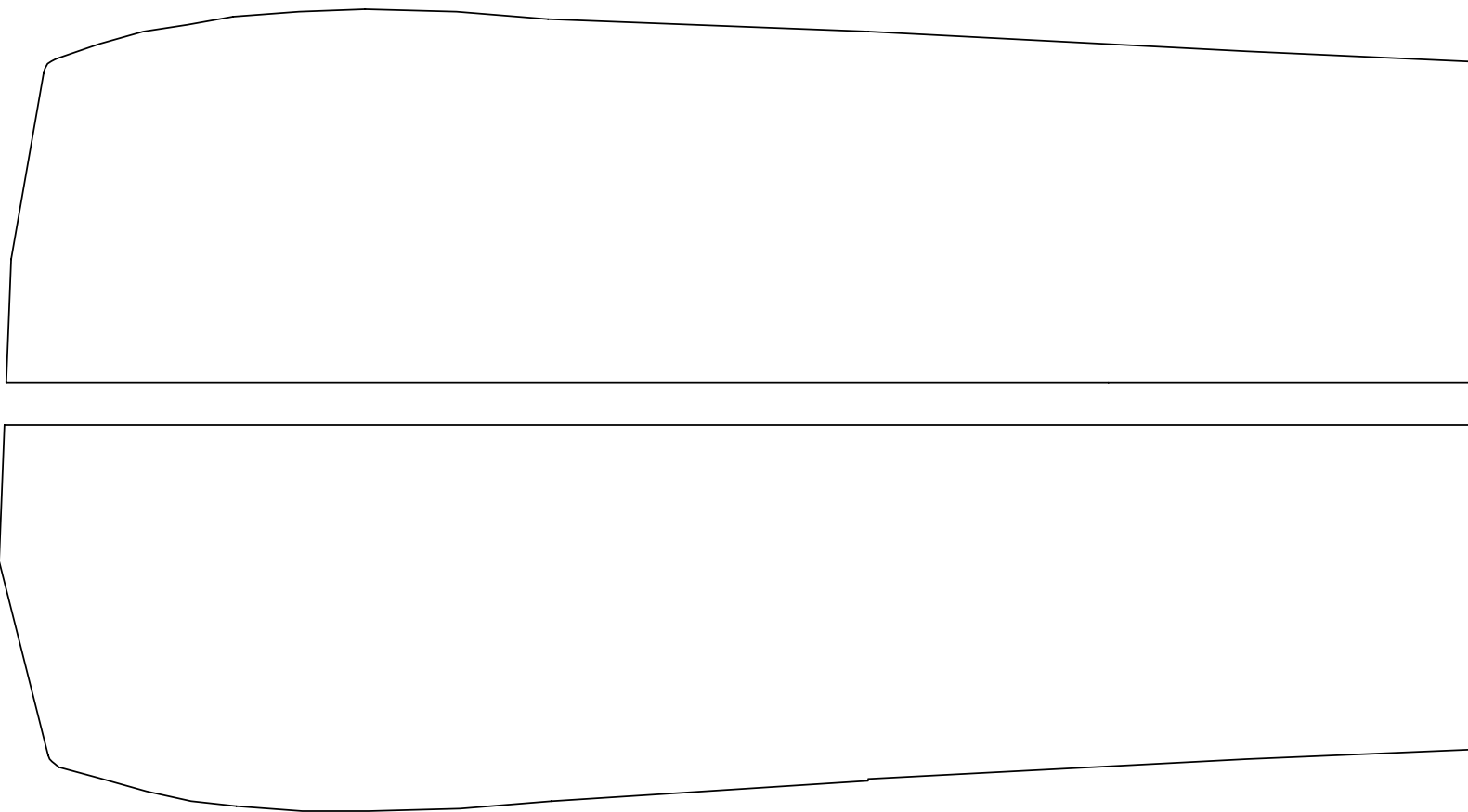
going for all out light weight, consider leaving  
se spar. The side plates are strong enough for  
in flight, but will not be quite as tough for rough  
crashes. Make sure to use 15-30 minute epoxy or

**Specs:** **H**



urley Extra 300LX





shoogoo 1  
strongenc

1

1

2

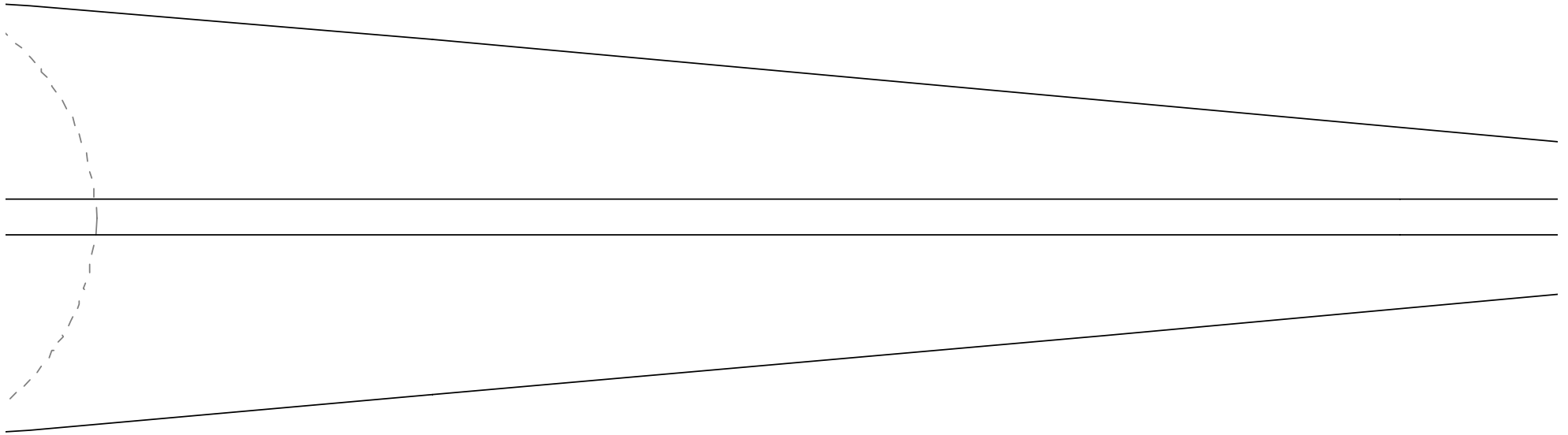
3

4

5

6

for the main parts...5 min and foam CA are not  
ough, and will crack under the torque.



**3D FC**



<b>Weight</b>	<b>10.5-15.5 oz.</b>
<b>Power</b>	<b>24-39 oz.</b>
<b>Radio</b>	<b>4-5 Chanel</b>
<b>Area</b>	<b>299.8 in2</b>
<b>Loading</b>	<b>5.1-7.2 oz/ft2</b>
<b>WWW.3DFOAMY.COM</b>	

**3DFOAMY**

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Designed and Drawn by Levi Jordan

Updated: 03/5/04.