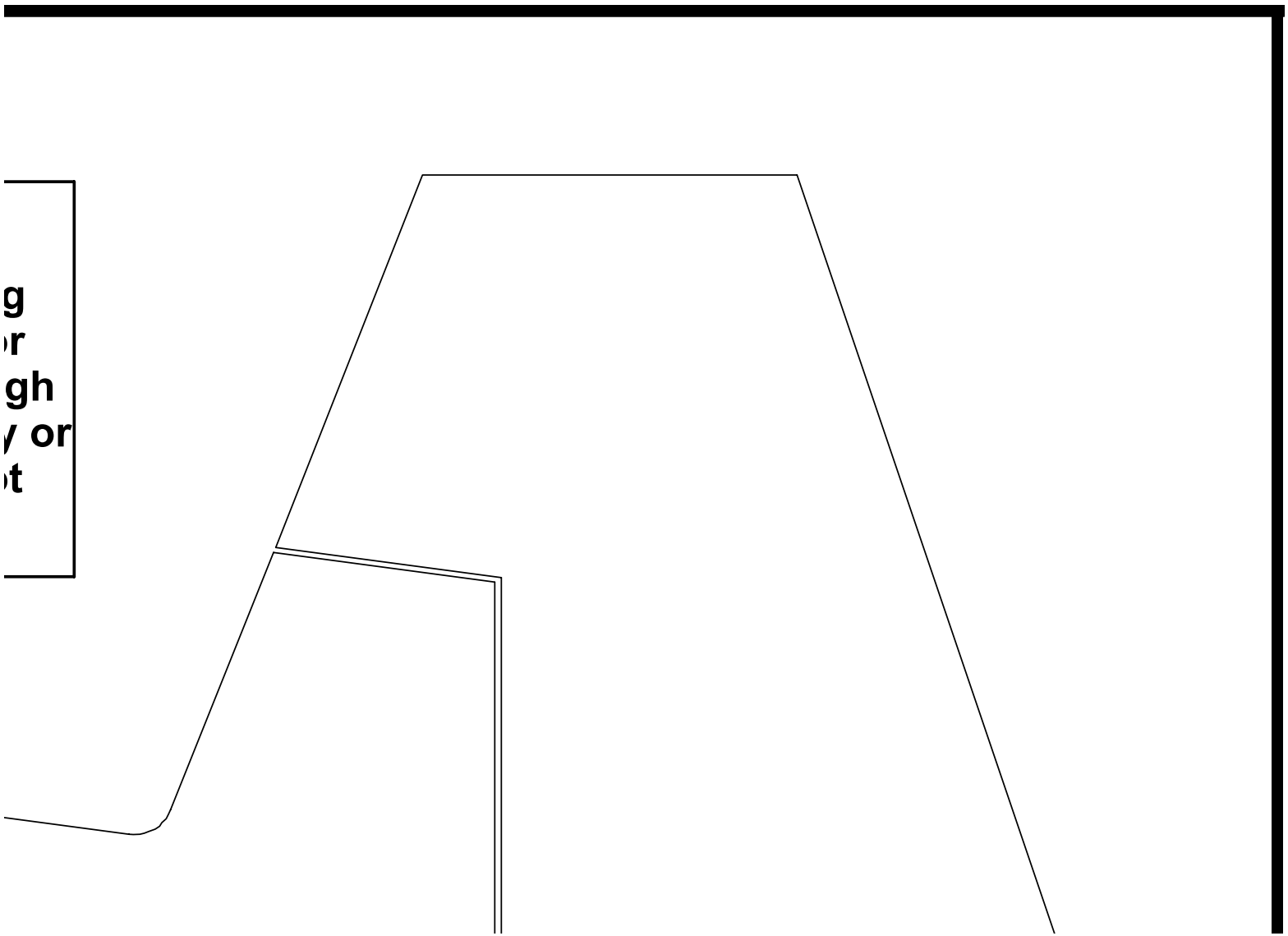
g
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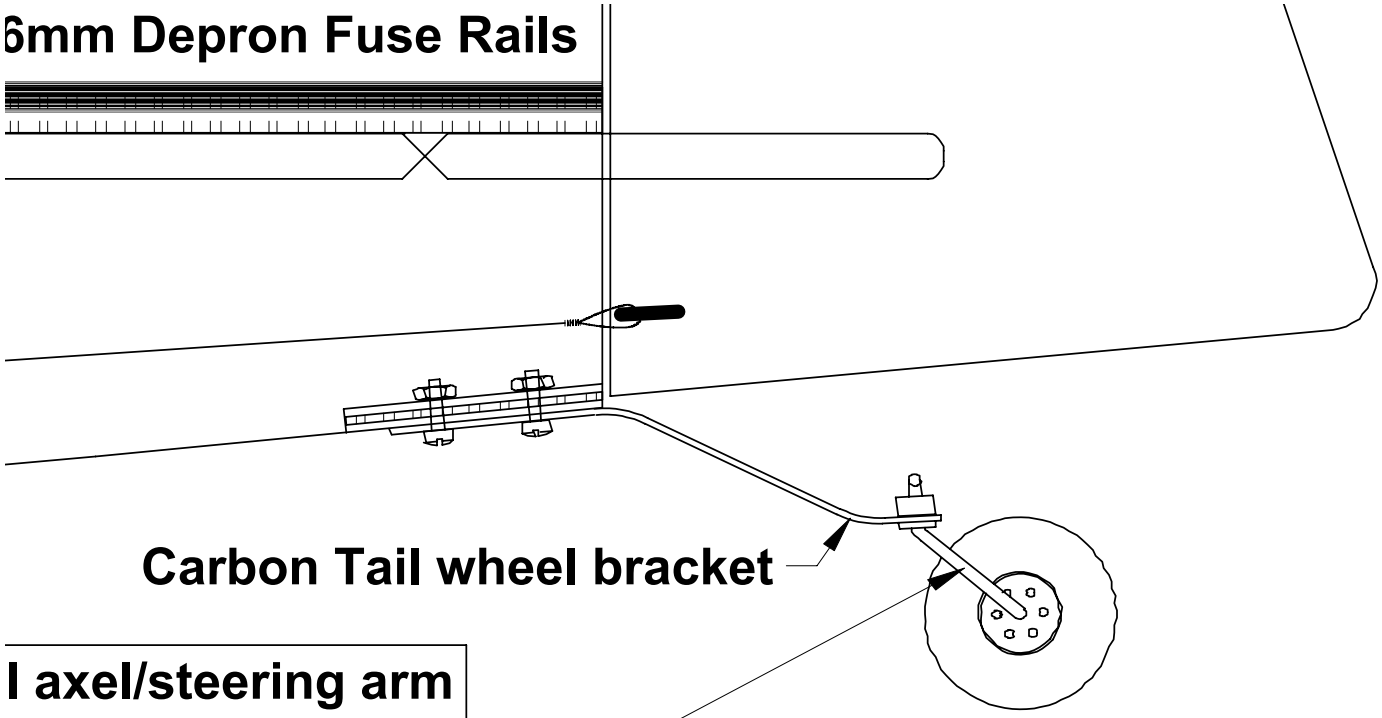


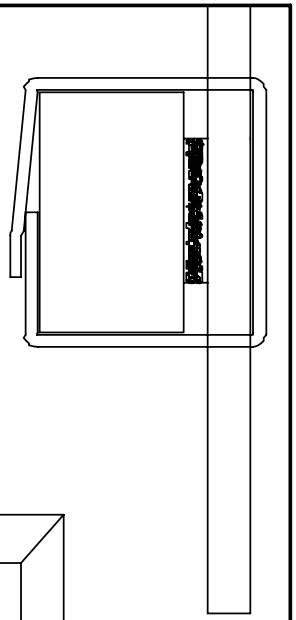
l axel/steering arm
. at the top to form
Use clamp on ball
dder control horn)

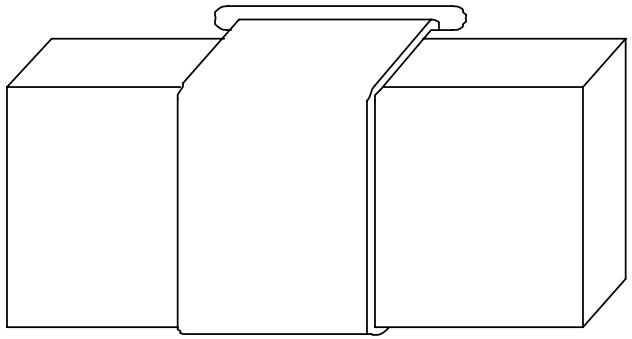
Motor/Battery Info

op Battery Amp Draw Thrust
DS (6.6:1) GWS 12x6 2s1p Lipo 9.5 17.1 oz.
DS (6.6:1) GWS 11x4.7 3s1p Lipo 11.5 24.3 oz.
4:1 Planetary APC 11x4.7 3s1p LiPo 11 amps 22.1 oz.
4:1 Planetary APC 11x4.7 3s1p LiPo 7.7 amps 18.6 oz

4:1 Planetary APC 11x4.7 3s1p LiPo 7.7 amps 18.6 oz.
4:1 Planetary APC 11x4.7 3s2p LiPo 19.5 amps 38.5 oz.
4:1 Planetary APC 11x4.7 2s1p LiPo 10.8 amps 20.6 oz.
4:1 Planetary APC 11x4.7 3s1p LiPo 11.7 amps 27.7 oz.
4:1 Planetary APC 12x6 3s2p LiPo 19 amps 36.7 oz.
VS/5.3:1 GWS 11x4.7 2s1p LiPo 8.8 amps 15.7 oz.
VS/5.3:1 GWS 12x6 2s1p LiPo 9.9 amps 18.5 oz.
VS/6.6:1 GWS 11x4.7 3s1p LiPo 12 amps 26 oz.
VS/6.6:1 GWS 12x6 3s1p LiPo 12.4 amps 27 oz.
VS/6.6:1 GWS 11x4.7 3s1p LiPo 8.7 amps 21.2 oz.
v2 GWS/6.6:1 GWS 12x6 3s1p LiPo 8.9 amps 22.8 oz.
ct APC 10x4.7 3s2p LiPo 16.4 amps 21.9 oz.
ct APC 10x4.7 3s2p LiPo 13.8 amps 20.7 oz.
600 GWS/5.3:1 GWS 12x6 3s1p LiPo 8.7 amps 20.5 oz.
600 GWS/6.6:1 GWS 12x6 3s1p LiPo 6.5 amps 18.5 oz.
100 GWS/6.6:1 GWS 12x6 3s1p LiPo 11.2 amps 26.4 oz.
100 GWS/5.3:1 GWS 11x4.7 3s1p LiPo 11.6 amps 25.2 oz.
400 GWS/6.6:1 GWS 12x6 2s1p LiPo 10.2 amps 17.8 oz.
236 3.6:1 Planetary APC 11x4.7 3s2p LiPo 14 amps 29.3 oz.
236 3.6:1 Planetary APC 12x6 3s2p LiPo 17 amps 32.2 oz.
236 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.





6
5
4
3
2
1

1 2 3 4 5 6

Weight	**10.5-15.5 oz.**
Thrust	**24-39 oz.**
Radio	**4-5 Chanel**
Area	**301.4 in2**
Loading	**4.2-7.2 oz/ft2**

WWW.3DFOAMY.COM

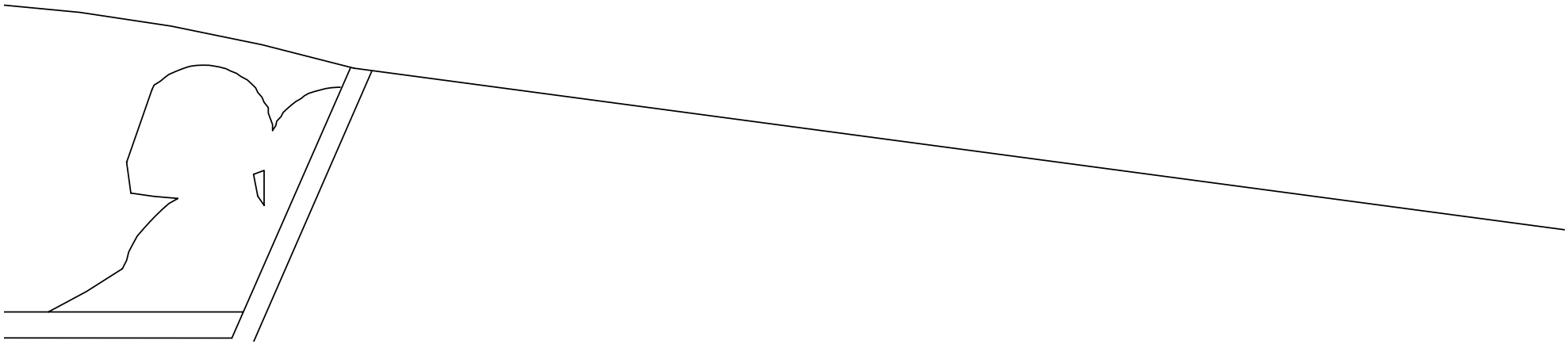
The Edge 540 3D

DAMY

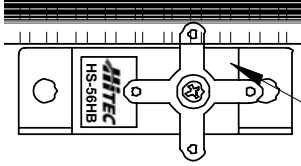
Designed and Drawn by Levi Jordan
Updated: 03/3/04.

Notes on the fuse:

**If you are going for all out light weight, consider leavin
out the fuse spar. The side plates are strong enough fo
anything in flight, but will not be quite as tough for rou
landings/crashes. Make sure to use 15-30 minute epoxy
shoogoo for the main parts...5 min and foam CA are no
strongenough, and will crack under the torque.**



4mm Carbon Spar



Elevator Servo
(HS-56HB Shown)

in to adjust
pull-pull system.
g Dubro EZ Conectors

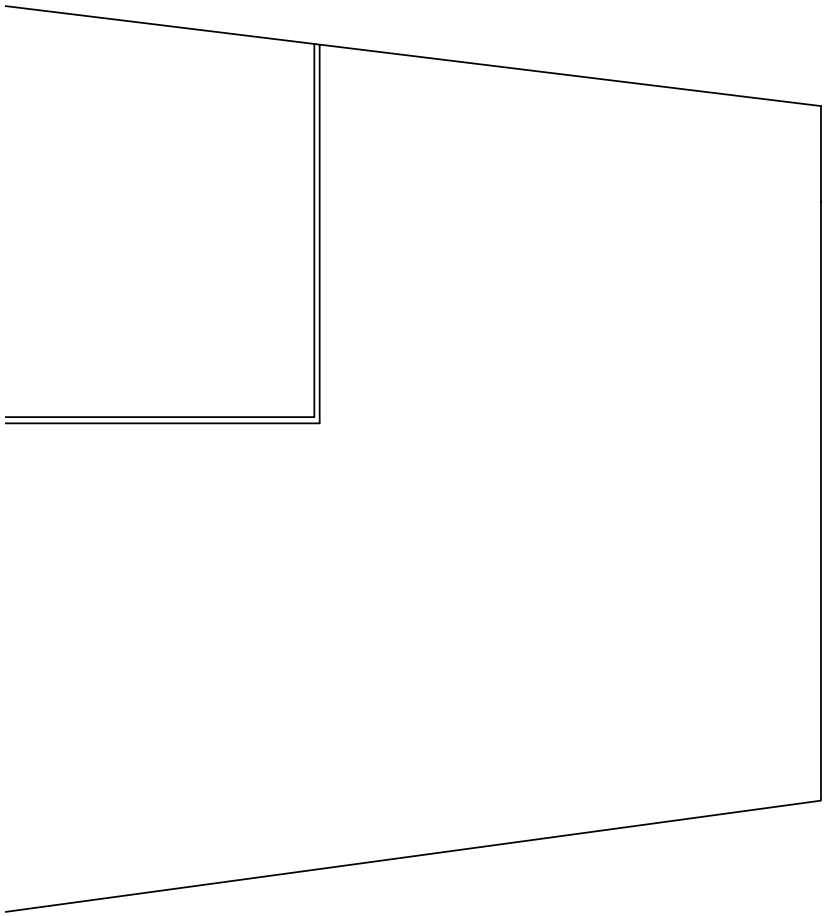
1/16" wire whee
(Bend 90 deg
a control arm.
link to attach to ru

All hinging for control surfaces can be packing tape or actual hinges. I prefer robart hinge

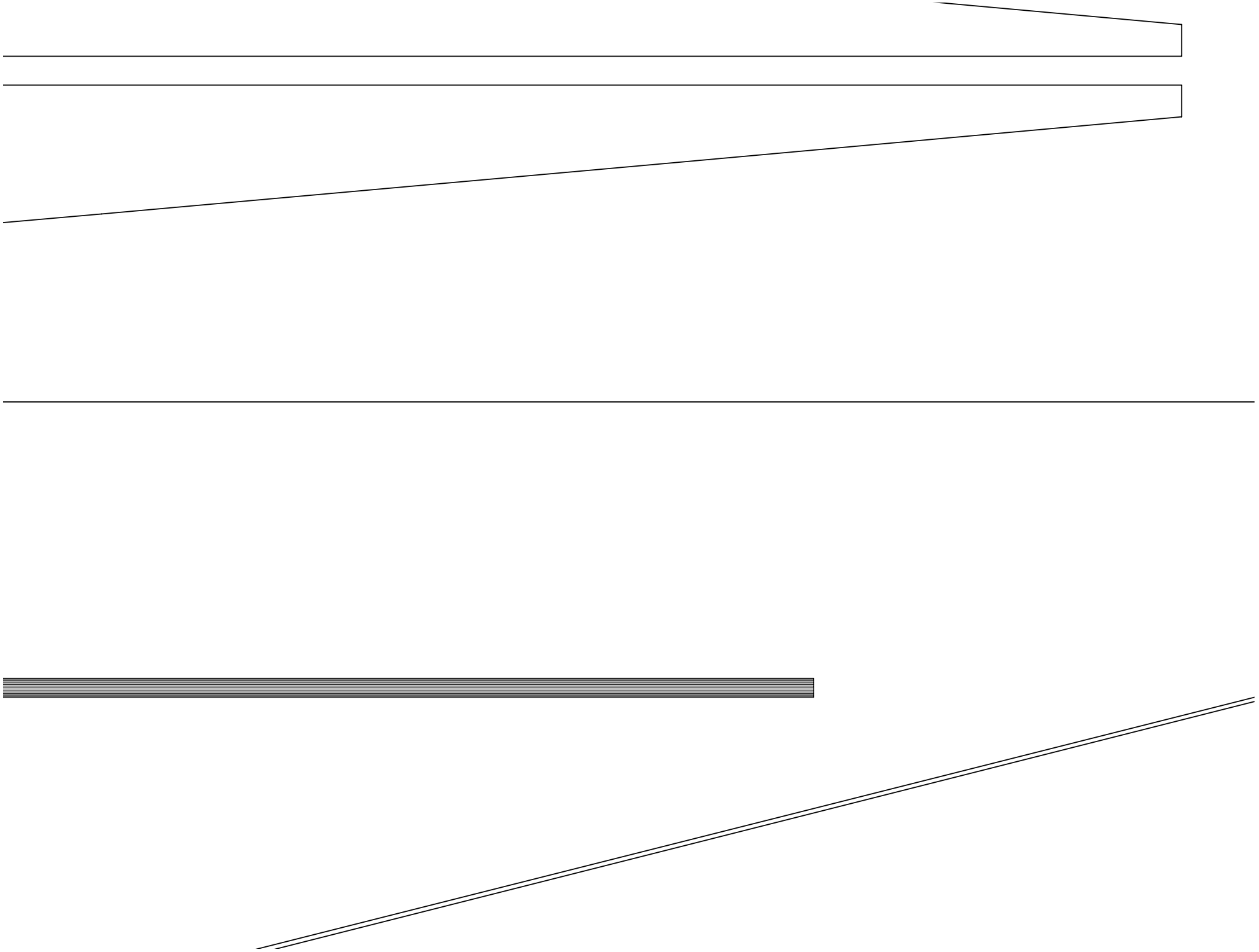
M

Motor Gearing Pr
GWS EPS350C I
GWS EPS350C I
Hacker B20-26S

points epoxied in place for the added longivity and control freeness.



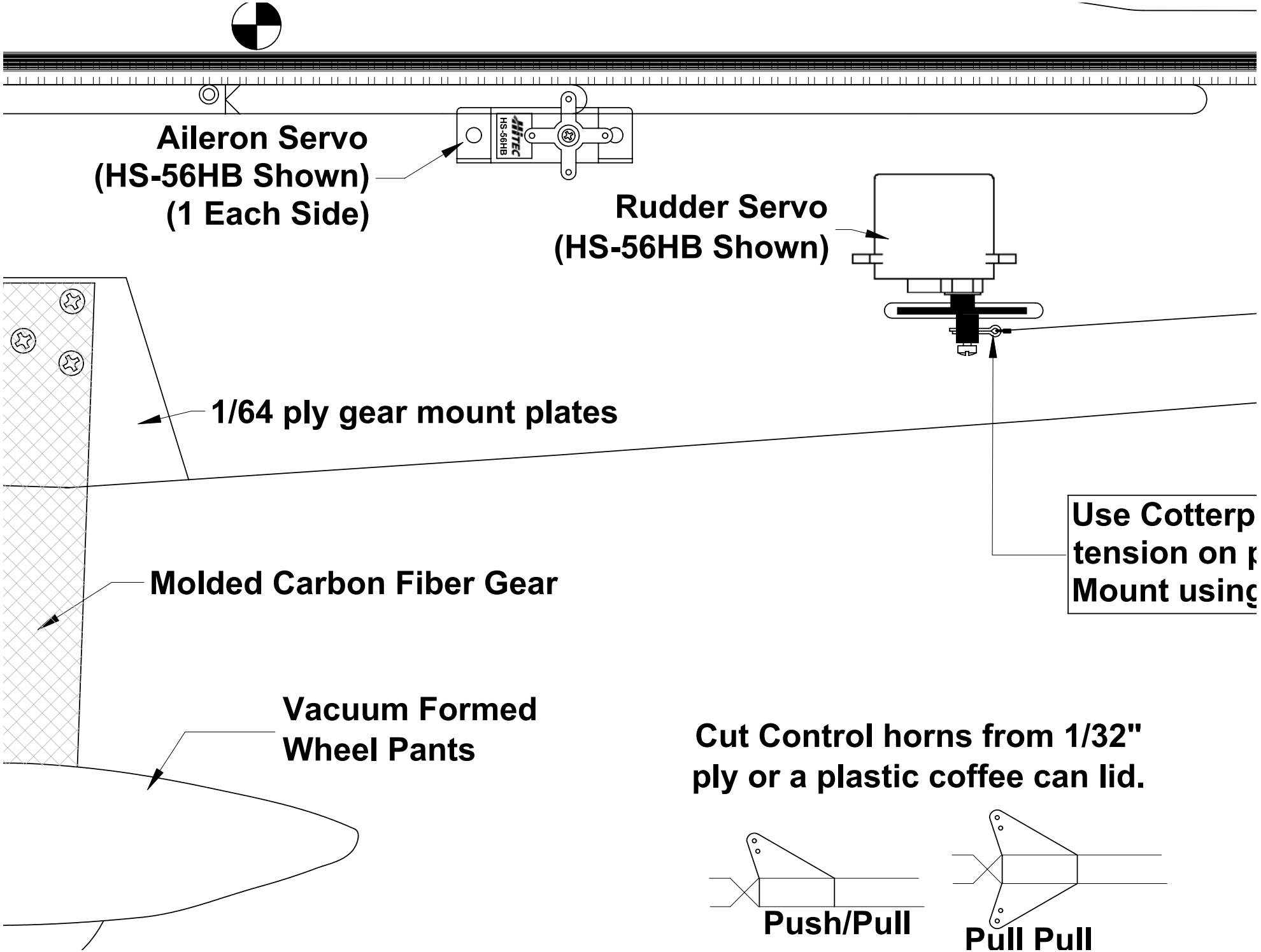
Hacker B20-31S
Hacker B20-15L
Hacker B20-15L
Hacker B20-18L
Hacker B20-18L
Razor RZ300 GW
Razor RZ300 GW
Razor RZ300 GW
Razor RZ350 GW
Razor RZ350 GW
Razor MicroHeli
PJS 3D 500 Dire
PJS 3D 550 Dire
HiMax HA2015-3
HiMax HA2015-3
HiMax HA2015-4
HiMax HA2015-4
HiMax HA2015-5
HiMax HA2025-3
HiMax HA2025-3
HiMax HA2025-4

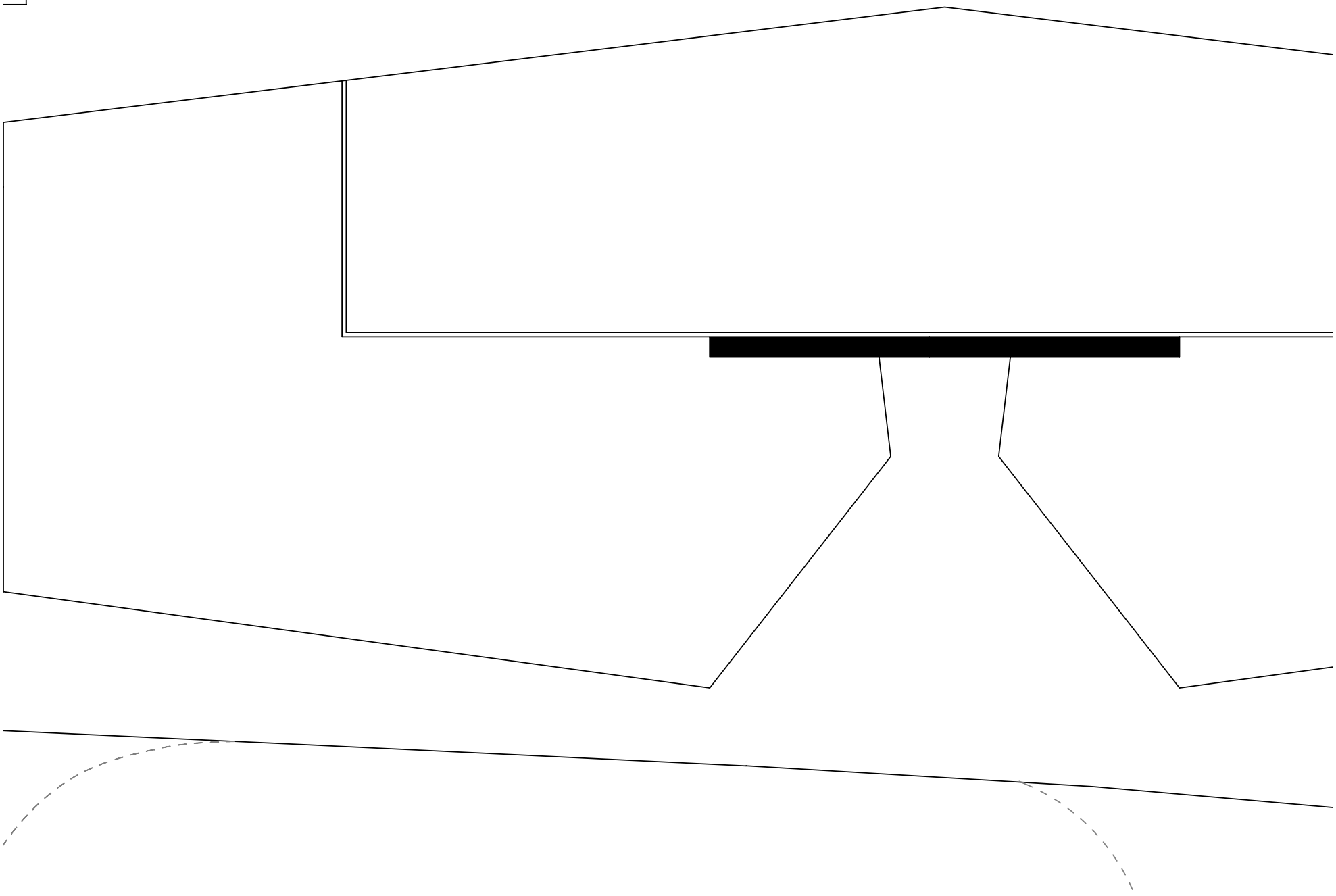


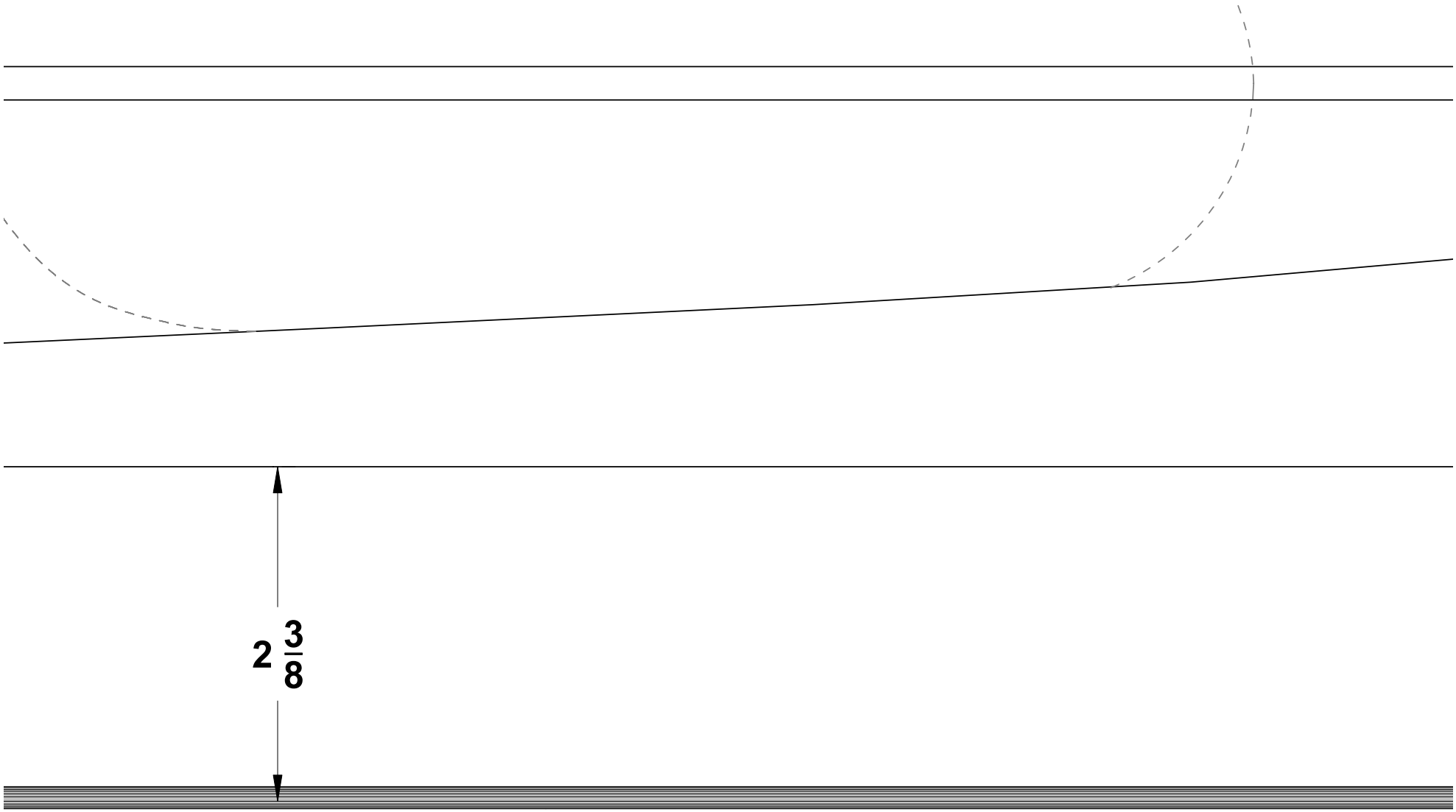
Specs: T

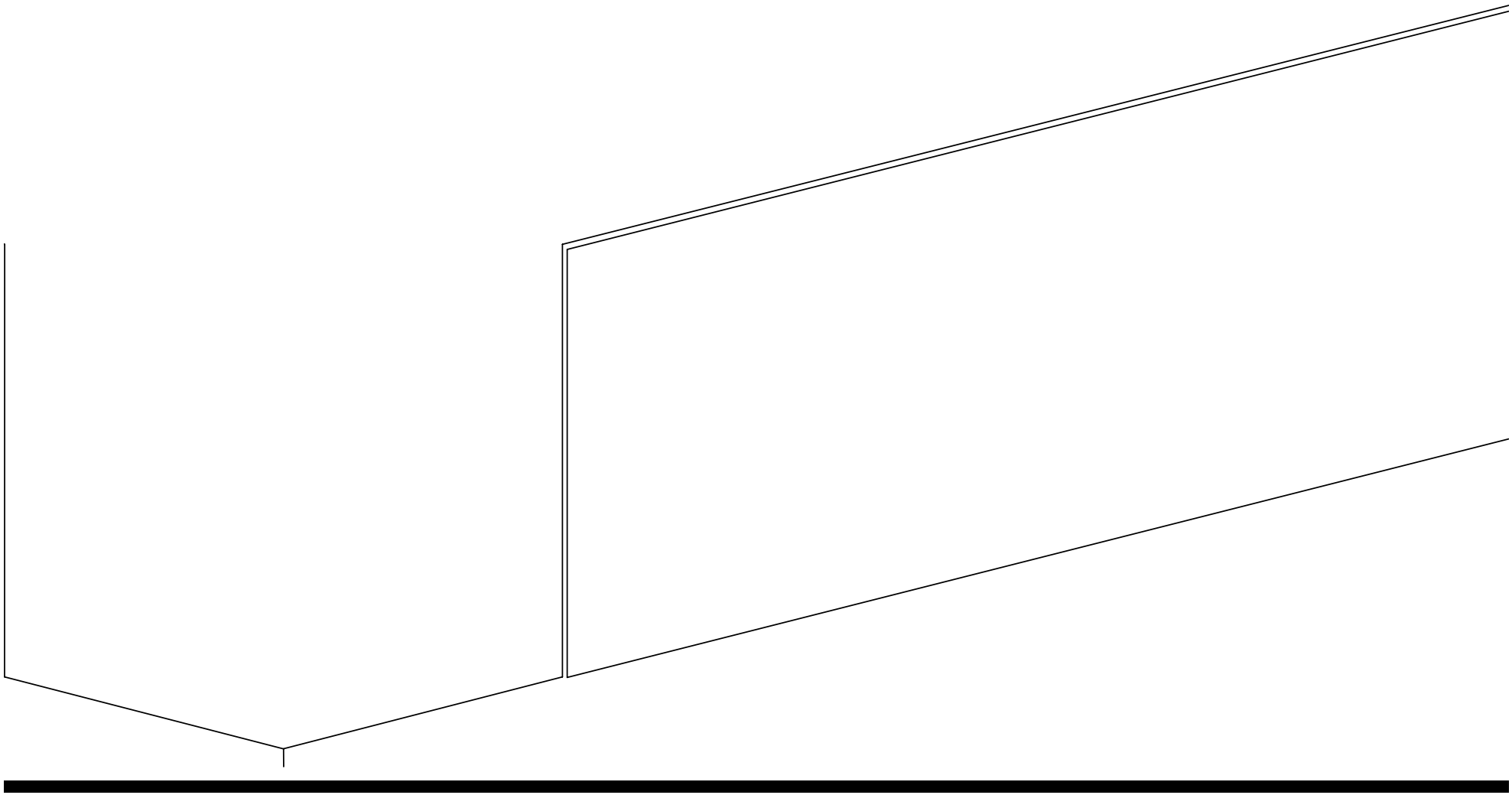
3D FO

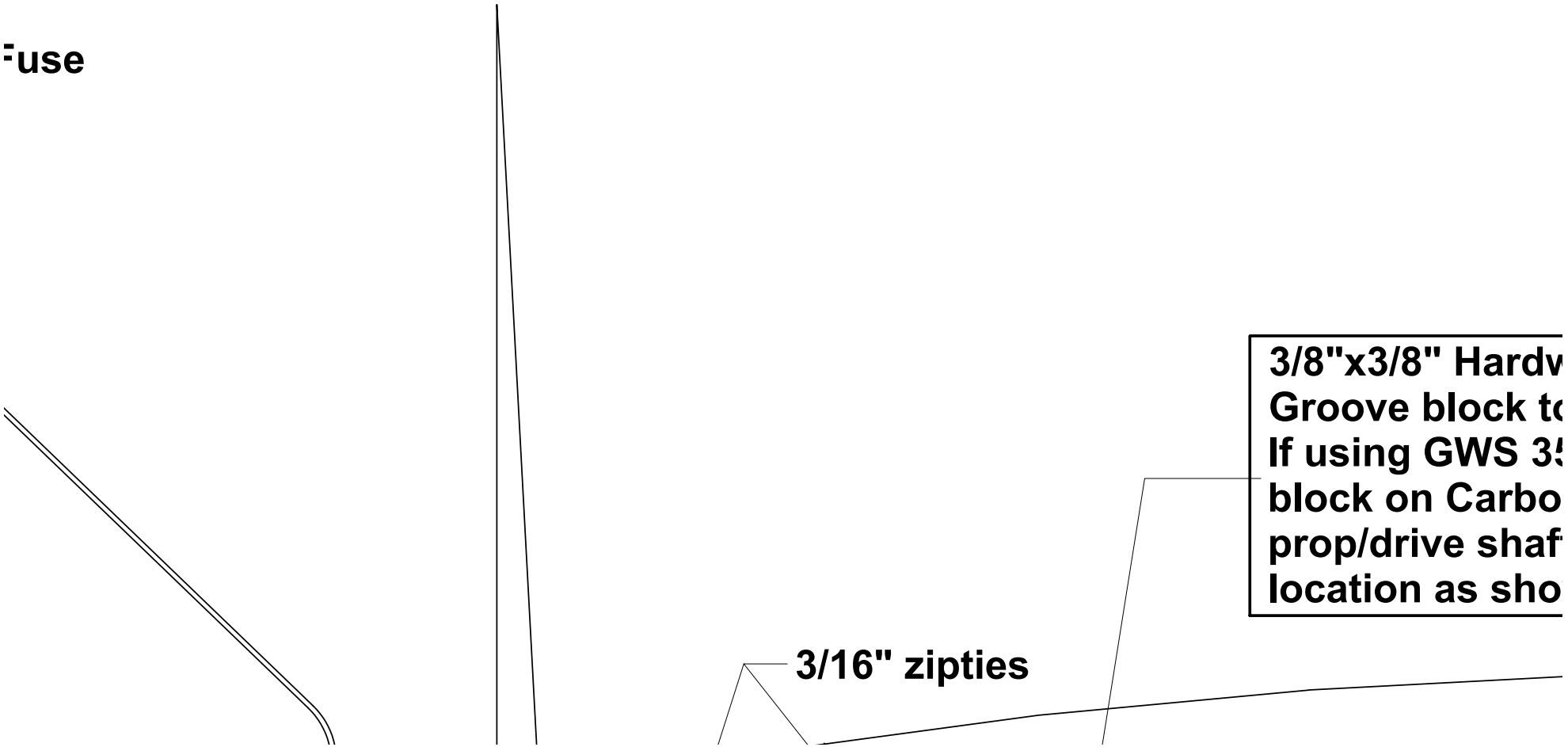
vood motor block
o fit carbon rod.
50 Drive, mount
n rod so that the
t is in the same
wn on plans.

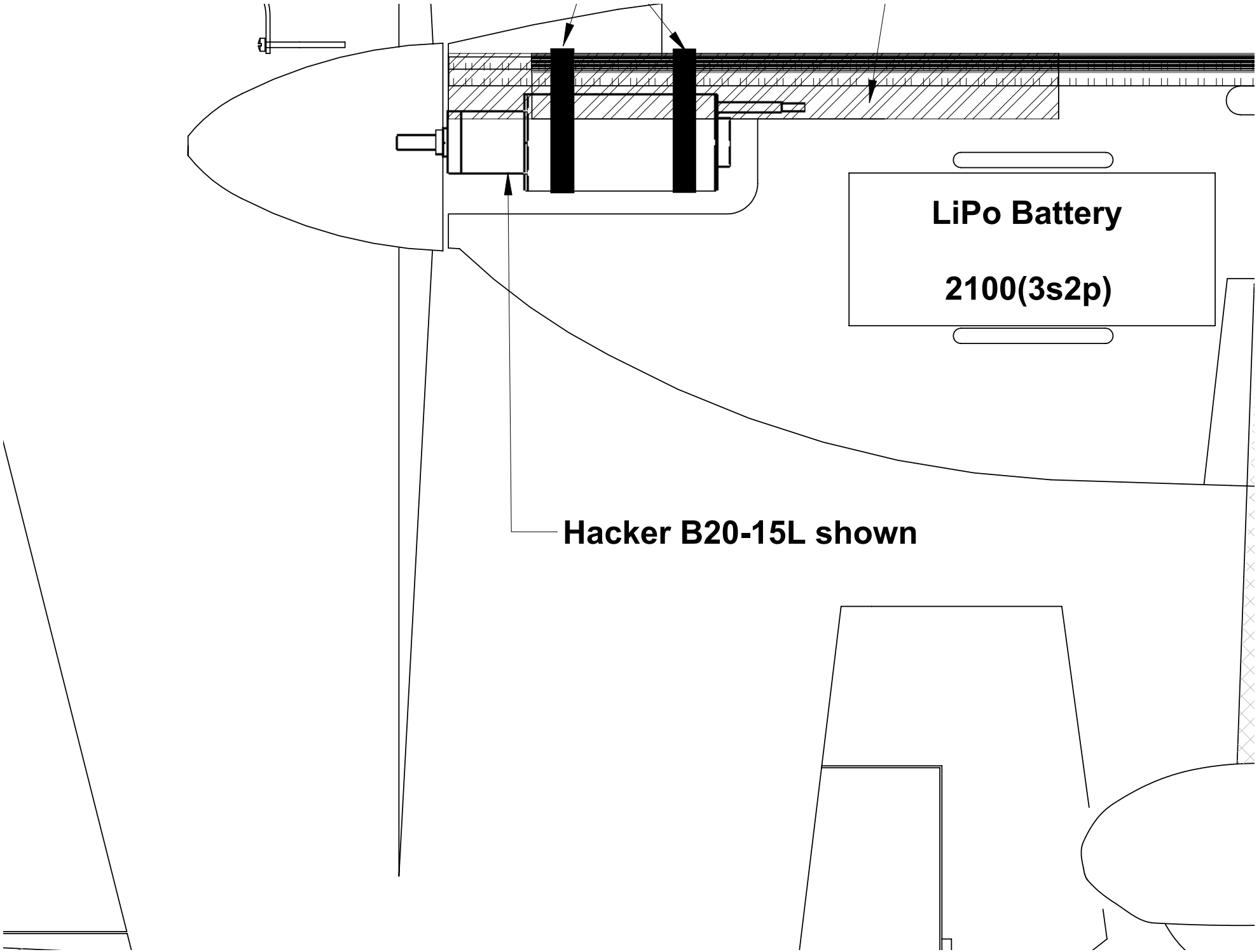

Aileron Servo
(HS-56HB Shown)
(1 Each Side)
HS-56HB
Rudder Servo
(HS-56HB Shown)
1/64 ply gear mount plates
Molded Carbon Fiber Gear
Vacuum Formed
Wheel Pants
Use Cotterp
tension on p
Mount using
Cut Control horns from 1/32"
ply or a plastic coffee can lid.
Push/Pull
Pull Pull

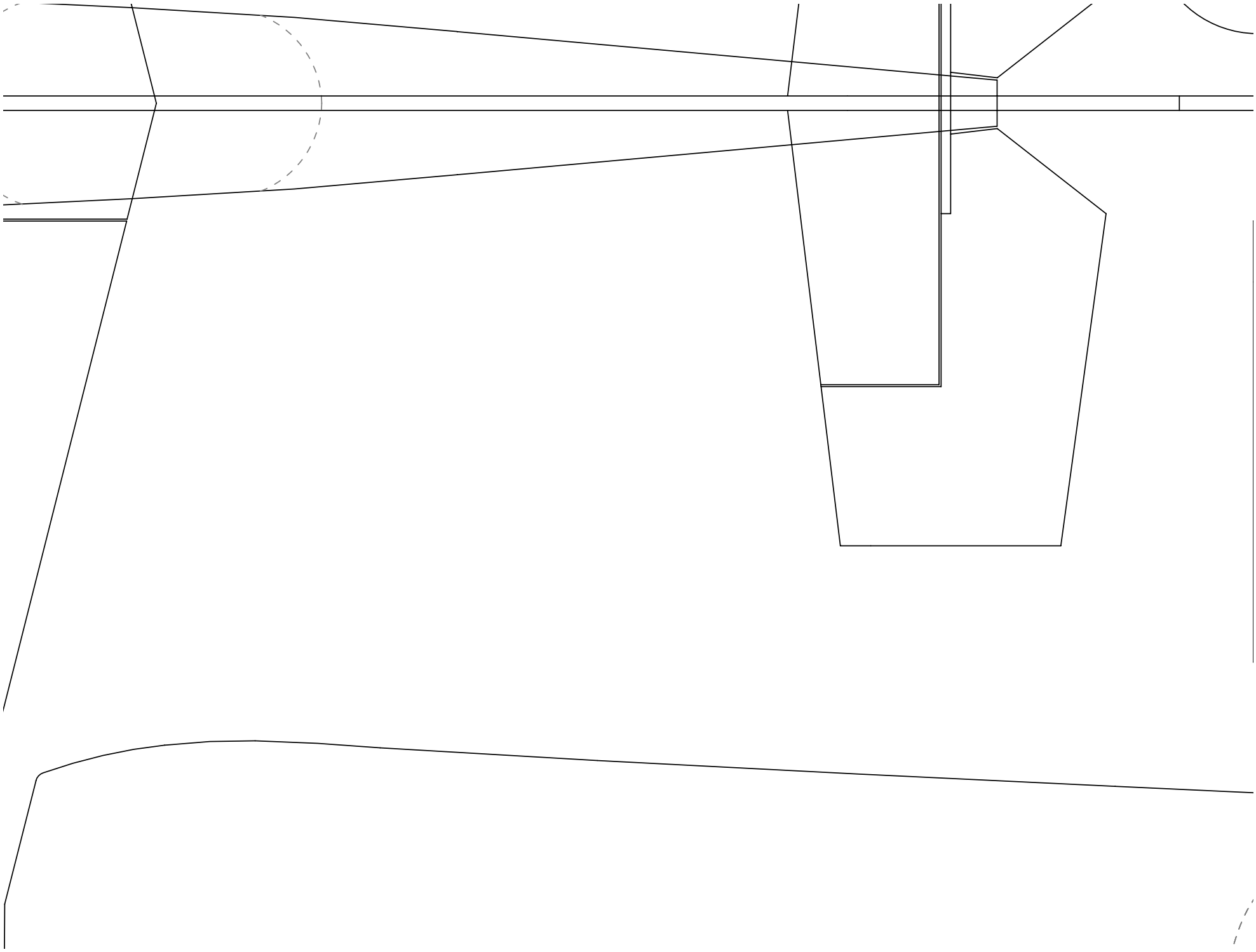


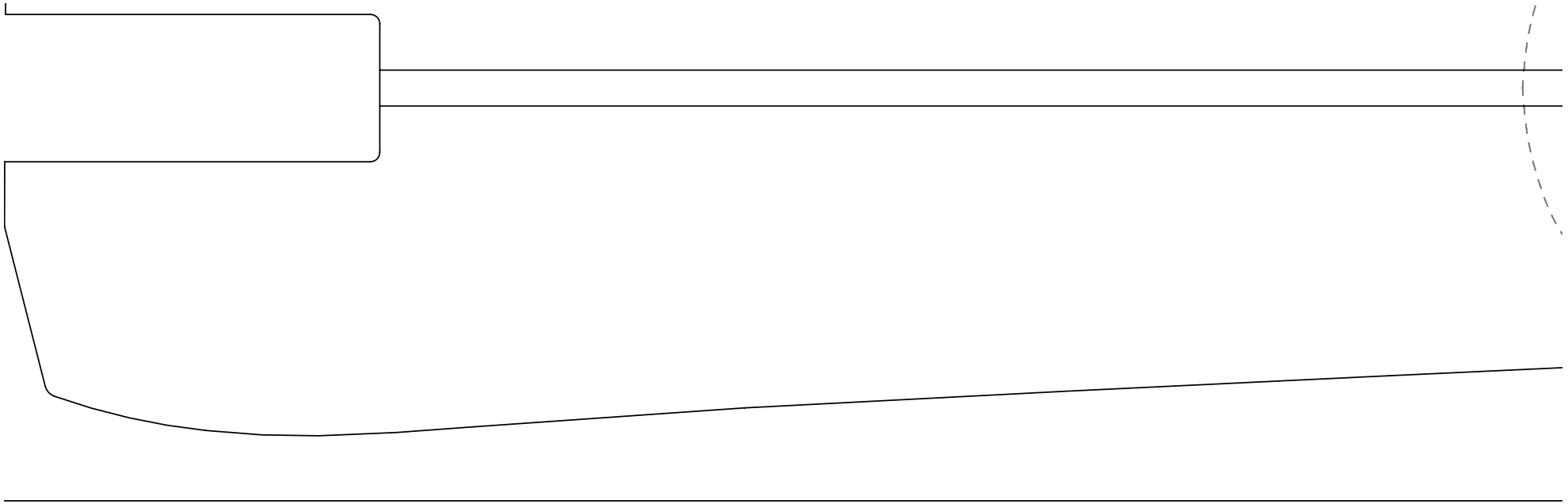

2 3/8

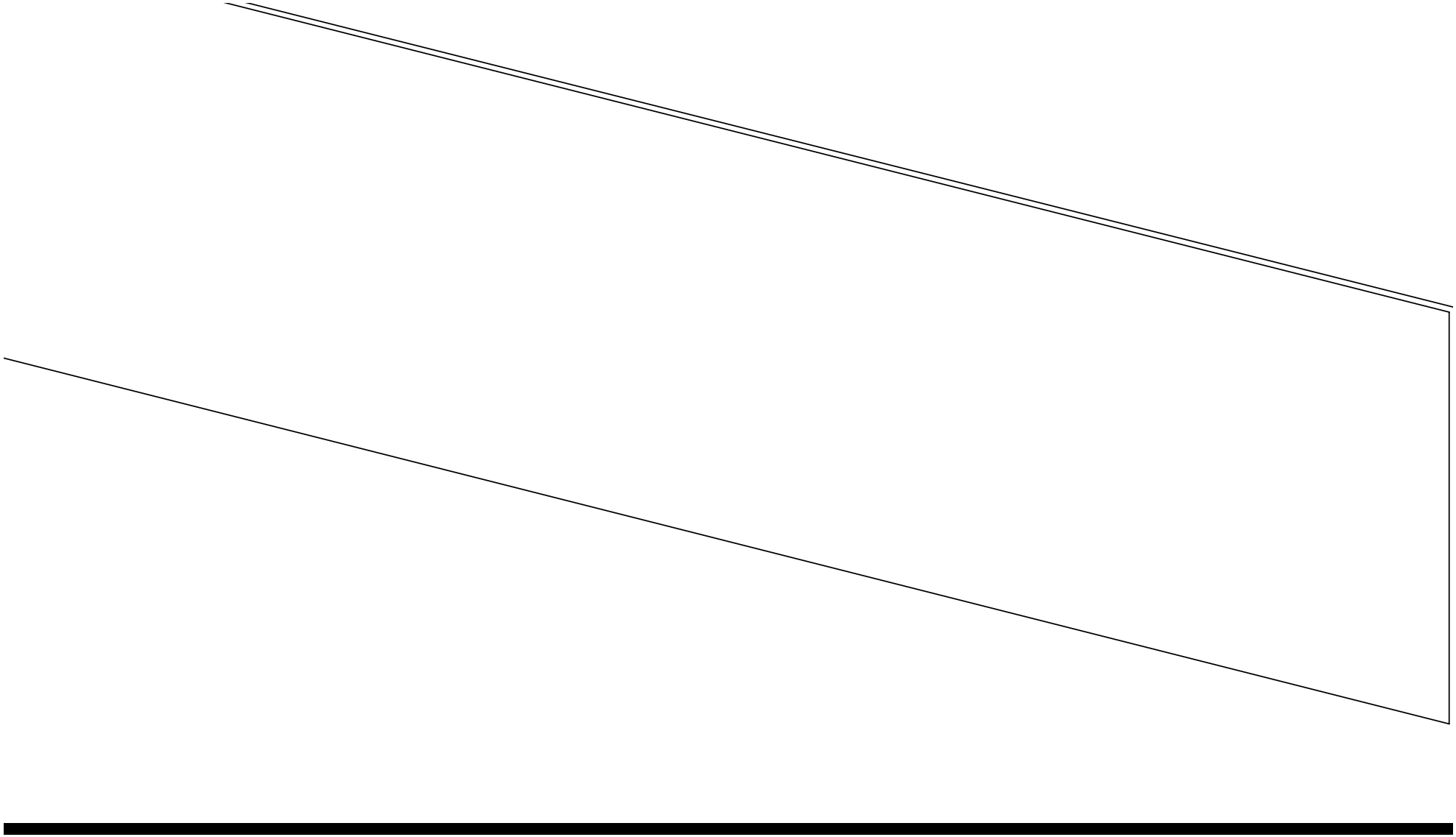


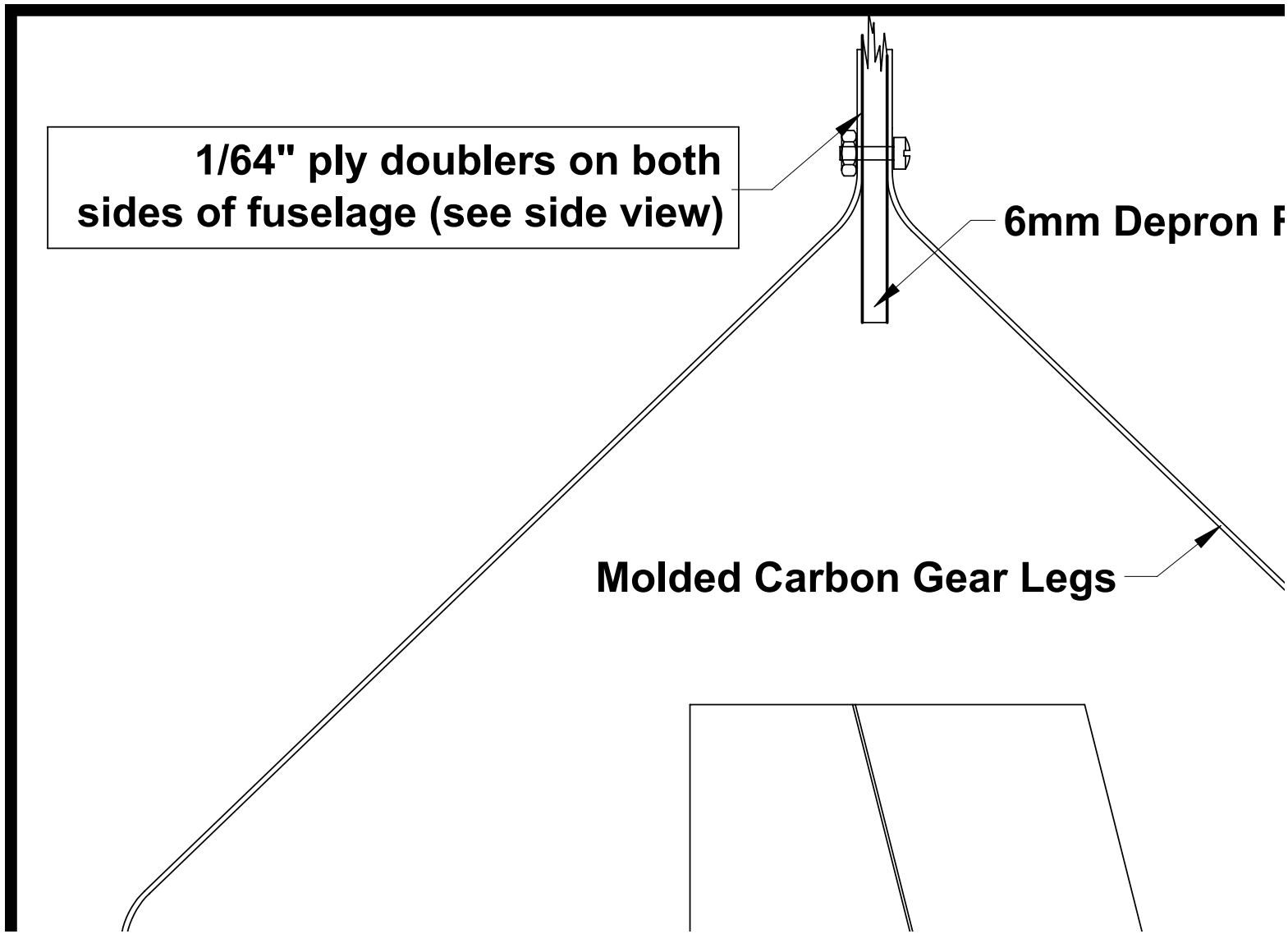

Fuse
3/8"x3/8" Hardw
Groove block to
If using GWS 35
block on Carbo
prop/drive shaf
location as sho
3/16" zipties

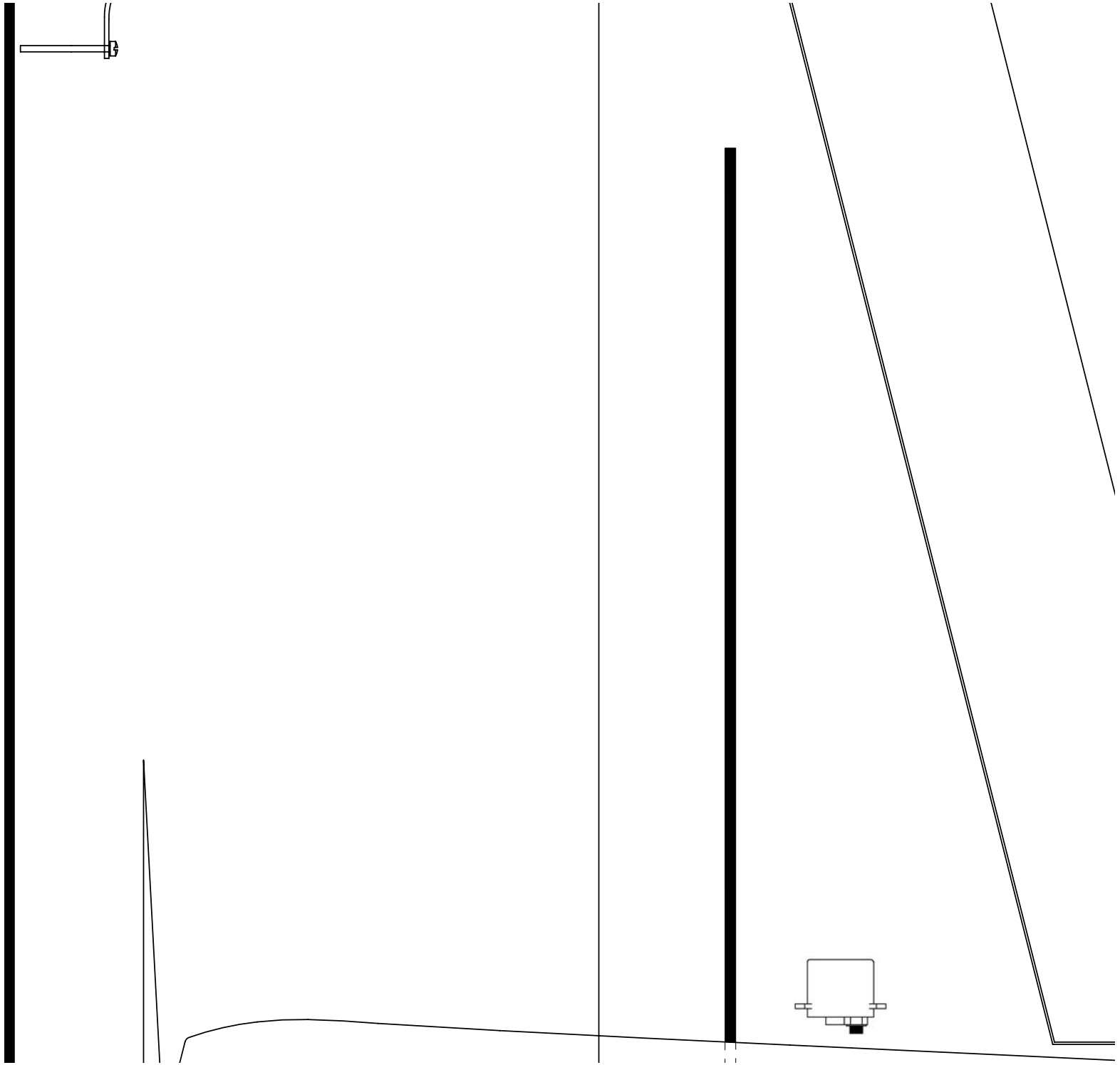

LiPo Battery
2100(3s2p)
Hacker B20-15L shown

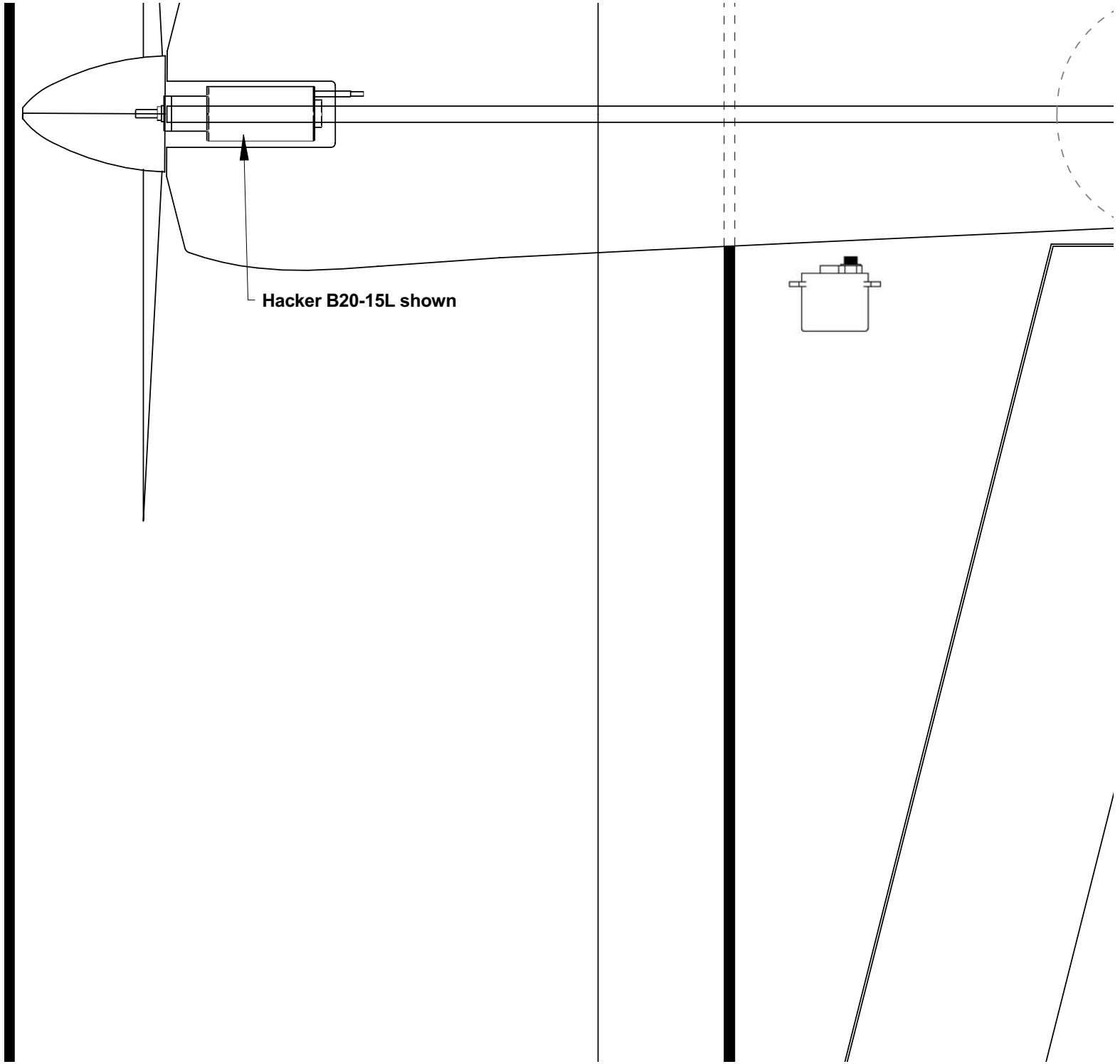


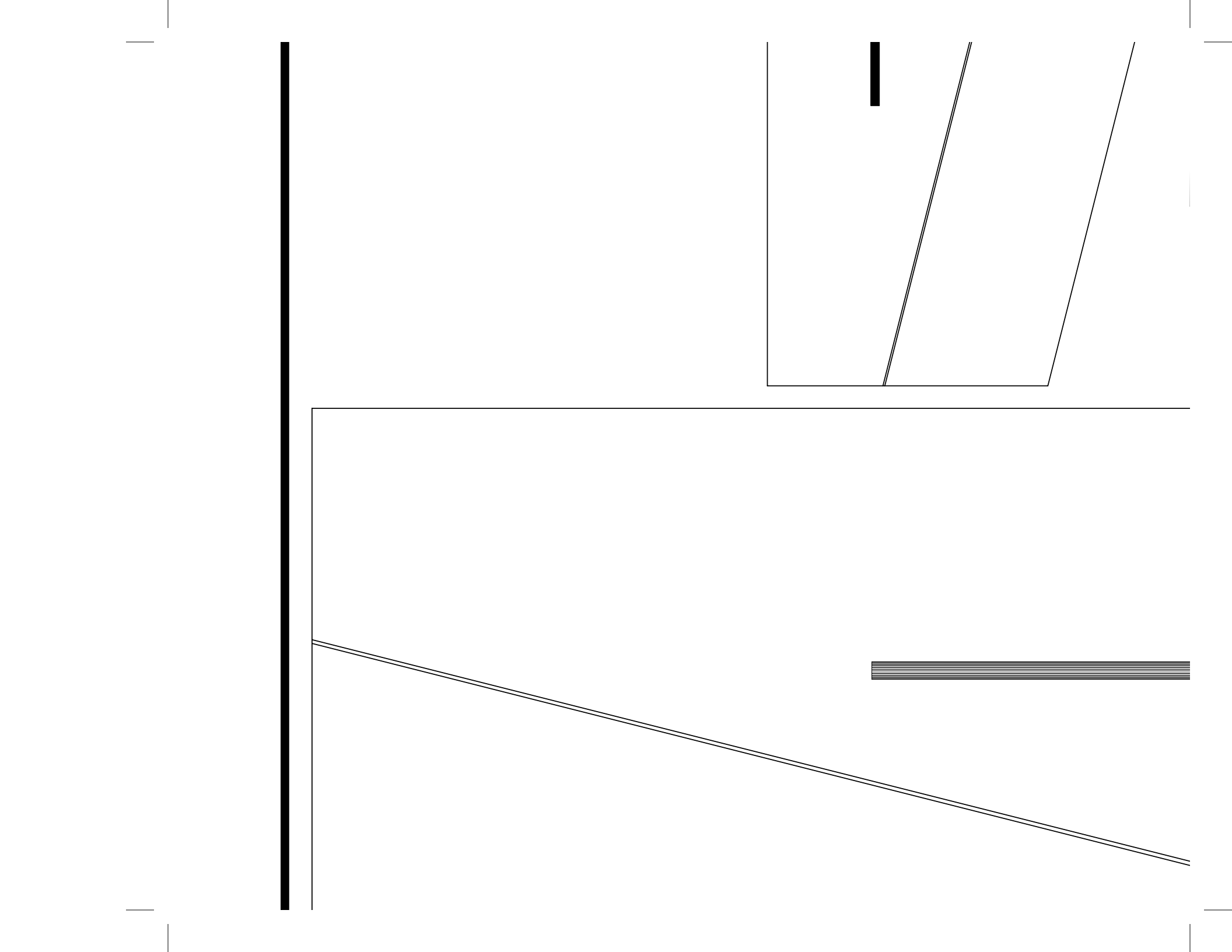





1/64" ply doublers on both sides of fuselage (see side view)
6mm Depron F
Molded Carbon Gear Legs




Hacker B20-15L shown



Cut a "V" groove in foam for spars. Pull spar through groove to make round