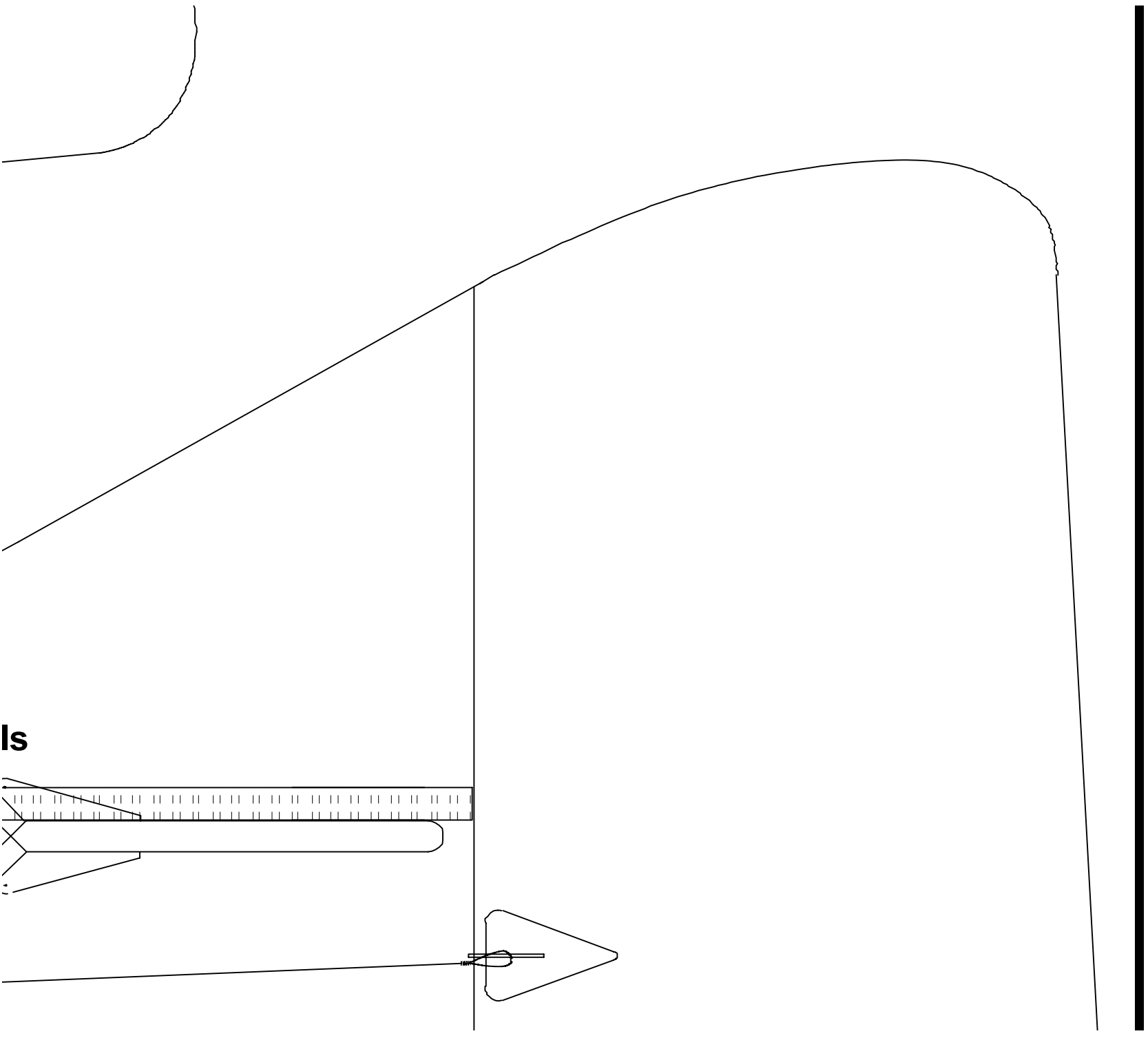


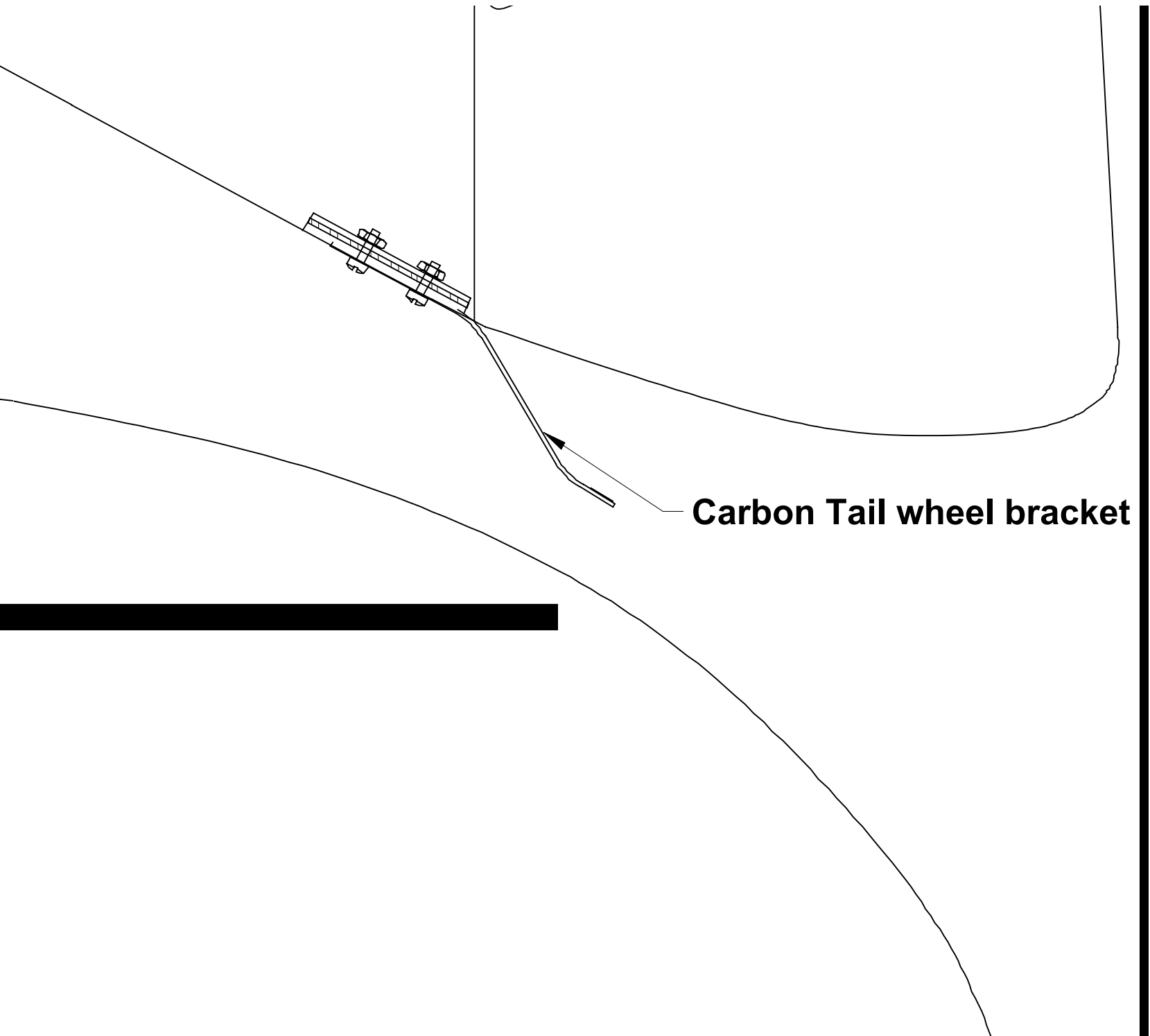
Motor/Battery Info

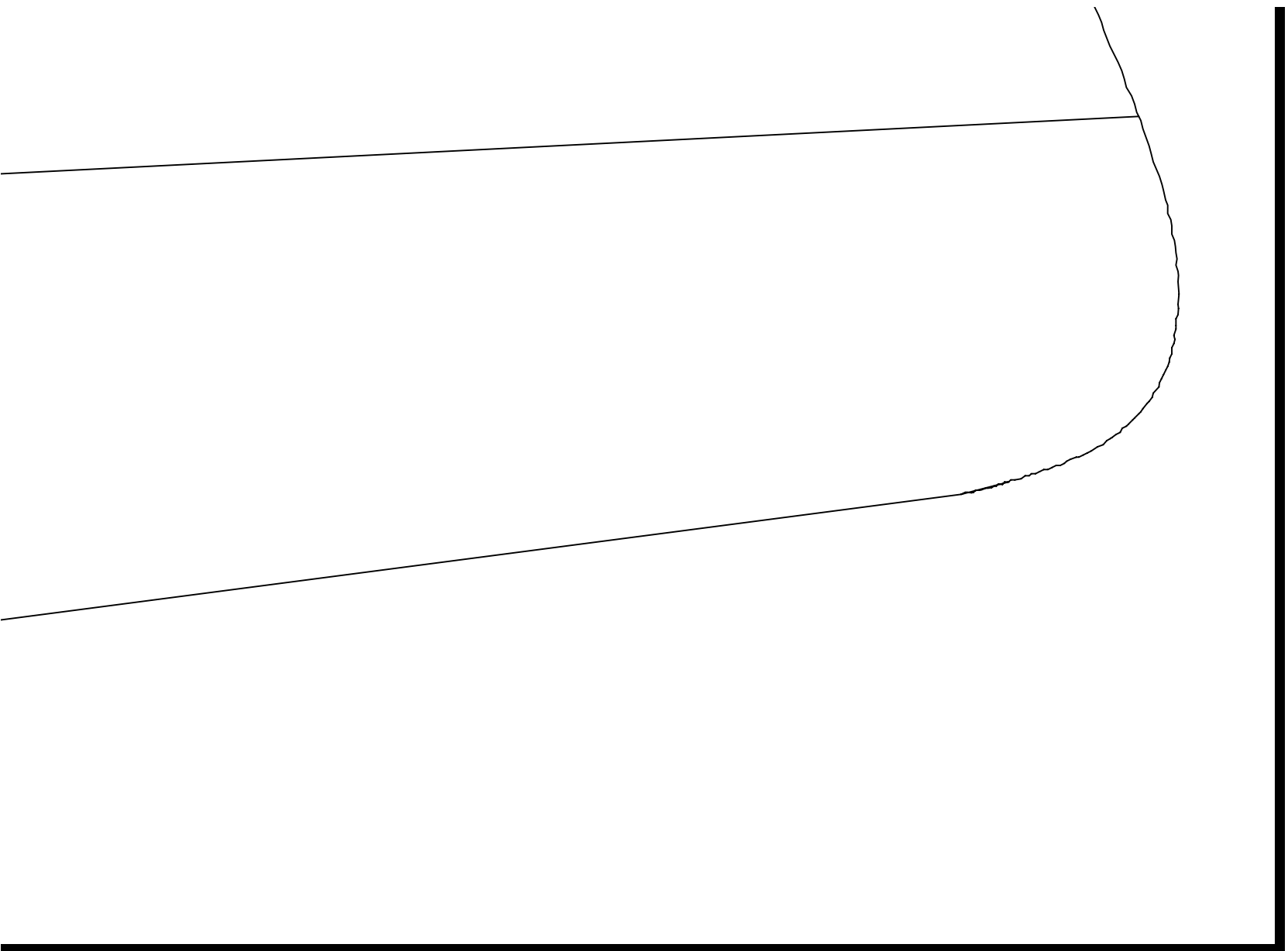
Motor Gearing Prop Battery Amp Draw Thrust
CWS EDS250C DS (6.6:1) CWS 12x6 2x12 LiPo 3.5 17.1 27

Motor Gearing Prop Battery Amp Draw Thrust

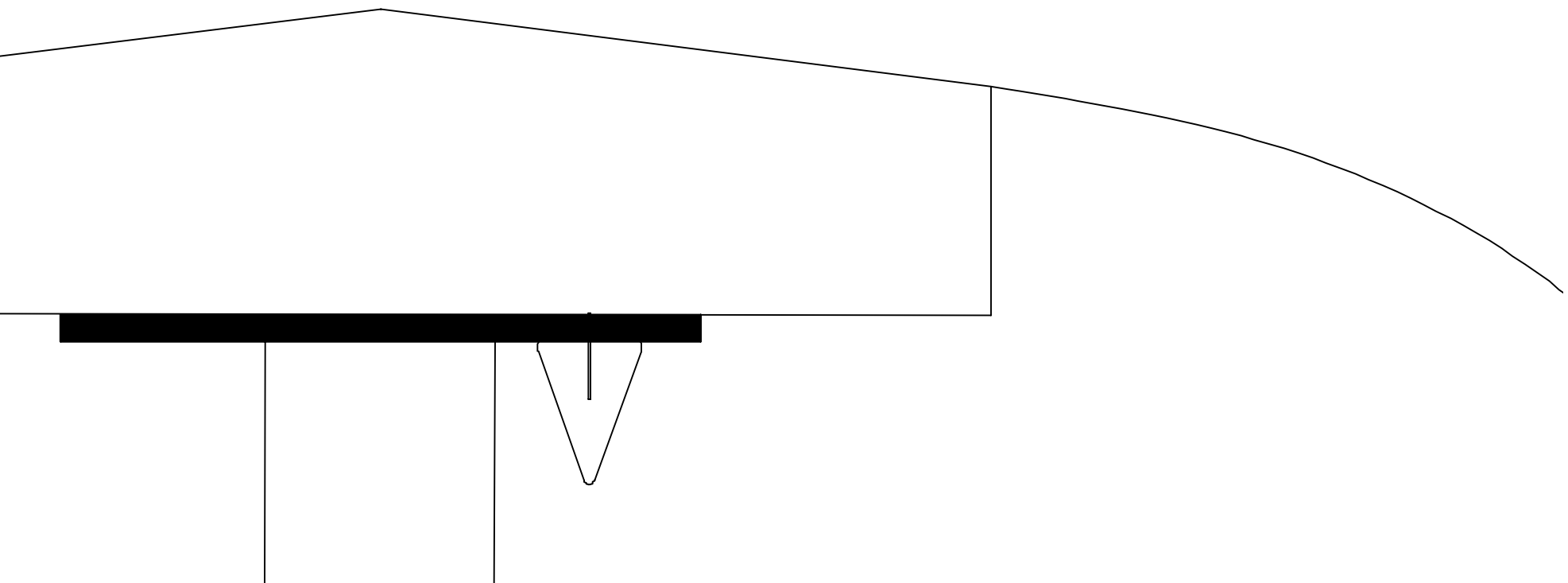
GWS EPS350C DS (6.6:1) GWS 12x6 2s1p Lipo 9.5 17.1 oz.
 GWS EPS350C DS (6.6:1) GWS 11x4.7 3s1p Lipo 11.5 24.3 oz.
 Hacker B20-26S 4:1 Planetary APC 11x4.7 3s1p LiPo 11 amps 22.1 oz.
 Hacker B20-31S 4:1 Planetary APC 11x4.7 3s1p LiPo 7.7 amps 18.6 oz.
 Hacker B20-15L 4:1 Planetary APC 11x4.7 3s2p LiPo 19.5 amps 38.5 oz.
 Hacker B20-15L 4:1 Planetary APC 11x4.7 2s1p LiPo 10.8 amps 20.6 oz.
 Hacker B20-18L 4:1 Planetary APC 11x4.7 3s1p LiPo 11.7 amps 27.7 oz.
 Hacker B20-18L 4:1 Planetary APC 12x6 3s2p LiPo 19 amps 36.7 oz.
 Razor RZ300 GWS/5.3:1 GWS 11x4.7 2s1p LiPo 8.8 amps 15.7 oz.
 Razor RZ300 GWS/5.3:1 GWS 12x6 2s1p LiPo 9.9 amps 18.5 oz.
 Razor RZ300 GWS/6.6:1 GWS 11x4.7 3s1p LiPo 12 amps 26 oz.
 Razor RZ350 GWS/6.6:1 GWS 12x6 3s1p LiPo 12.4 amps 27 oz.
 Razor RZ350 GWS/6.6:1 GWS 11x4.7 3s1p LiPo 8.7 amps 21.2 oz.
 Razor MicroHeli v2 GWS/6.6:1 GWS 12x6 3s1p LiPo 8.9 amps 22.8 oz.
 PJS 3D 500 Direct APC 10x4.7 3s2p LiPo 16.4 amps 21.9 oz.
 PJS 3D 550 Direct APC 10x4.7 3s2p LiPo 13.8 amps 20.7 oz.
 HiMax HA2015-3600 GWS/5.3:1 GWS 12x6 3s1p LiPo 8.7 amps 20.5 oz.
 HiMax HA2015-3600 GWS/6.6:1 GWS 12x6 3s1p LiPo 6.5 amps 18.5 oz.
 HiMax HA2015-4100 GWS/6.6:1 GWS 12x6 3s1p LiPo 11.2 amps 26.4 oz.
 HiMax HA2015-4100 GWS/5.3:1 GWS 11x4.7 3s1p LiPo 11.6 amps 25.2 oz.
 HiMax HA2015-5400 GWS/6.6:1 GWS 12x6 2s1p LiPo 10.2 amps 17.8 oz.
 HiMax HA2025-3236 3.6:1 Planetary APC 11x4.7 3s2p LiPo 14 amps 29.3 oz.
 HiMax HA2025-3236 3.6:1 Planetary APC 12x6 3s2p LiPo 17 amps 32.2 oz.
 HiMax HA2025-4236 4.3:1 Planetary APC 11x4.7 3s2p Lipo 20.2 amps 38.1 oz.







All hinging for control surfaces can be packing tape or actual hinges. I prefer robart hinge points epoxied in place for the added longevity and control freeness. CA hinges work well also.



Notes on the fuse:

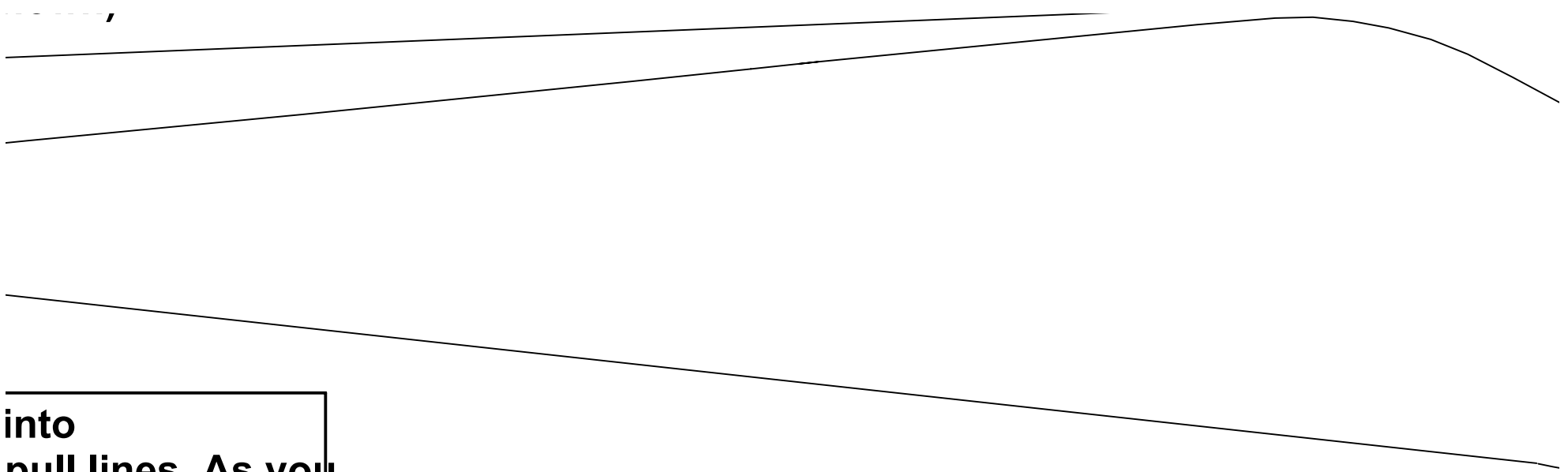
Make sure to use 5-15 minute epoxy for the main parts...foam CA are not strong enough, and will crack under the torque.

FOAMY.COM

own)

6 mm Depron Fuse Rails

own)



into
pull lines. As you
t wraps up

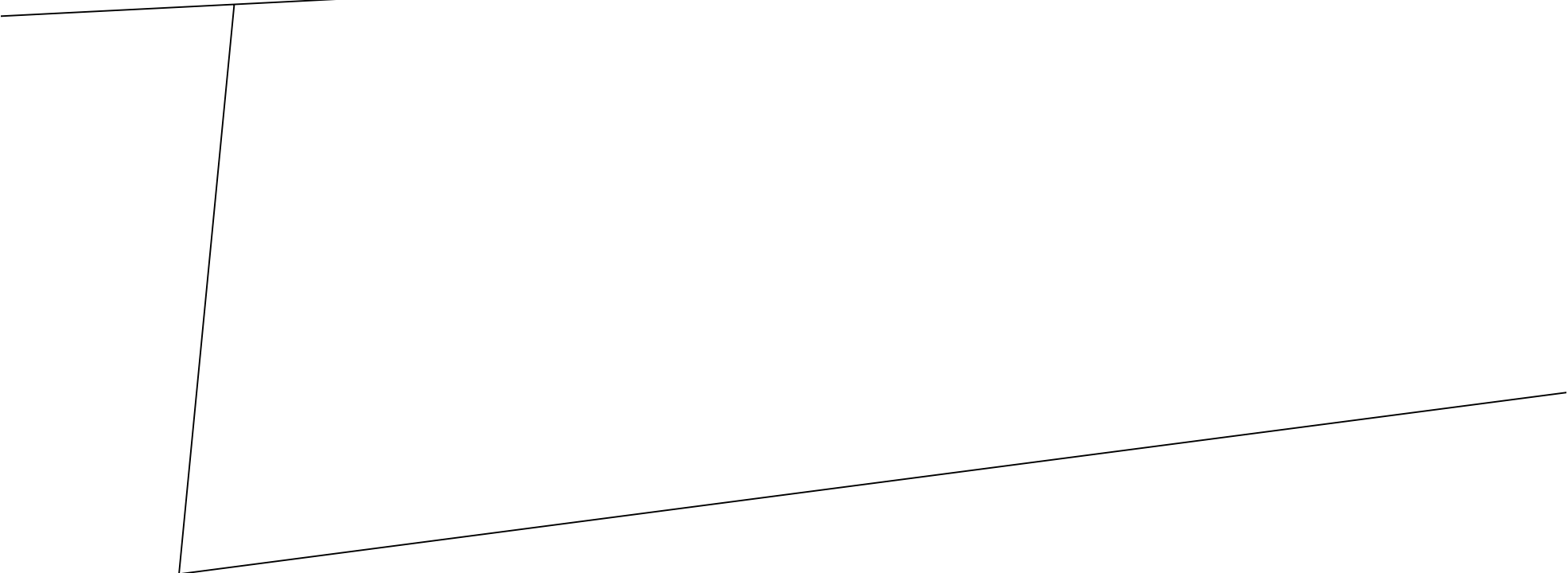
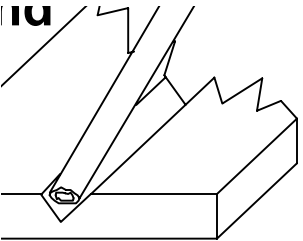


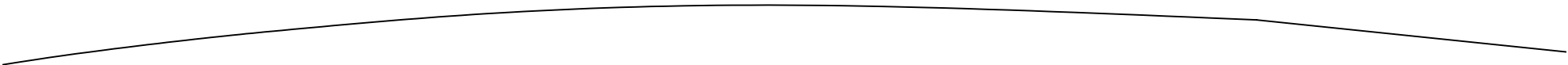
.188 Carbon Spar

bove

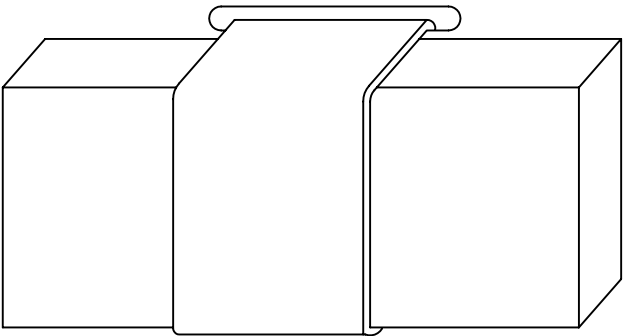
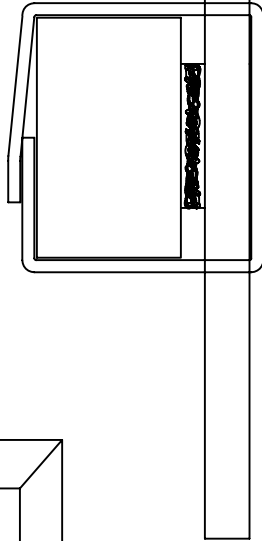
par
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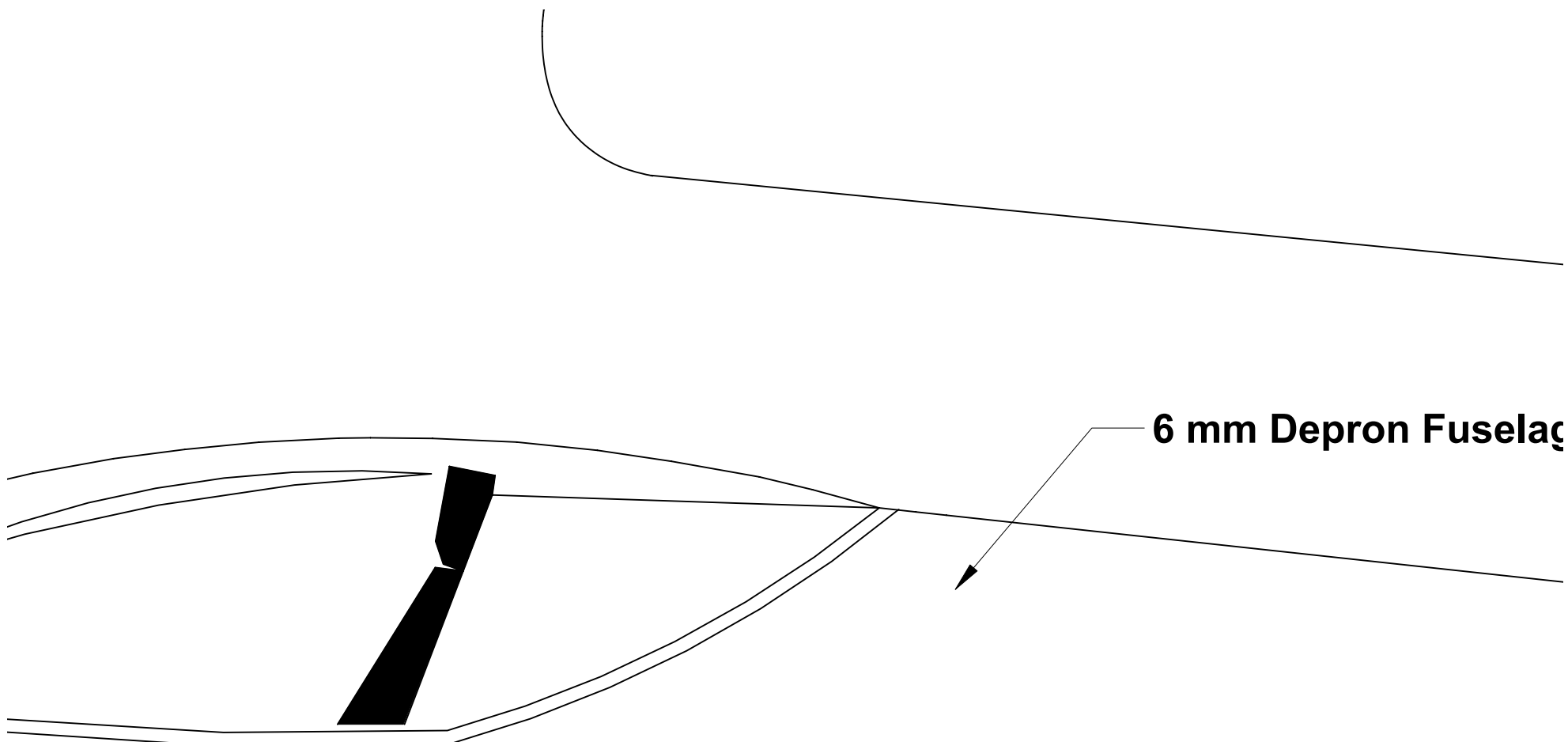




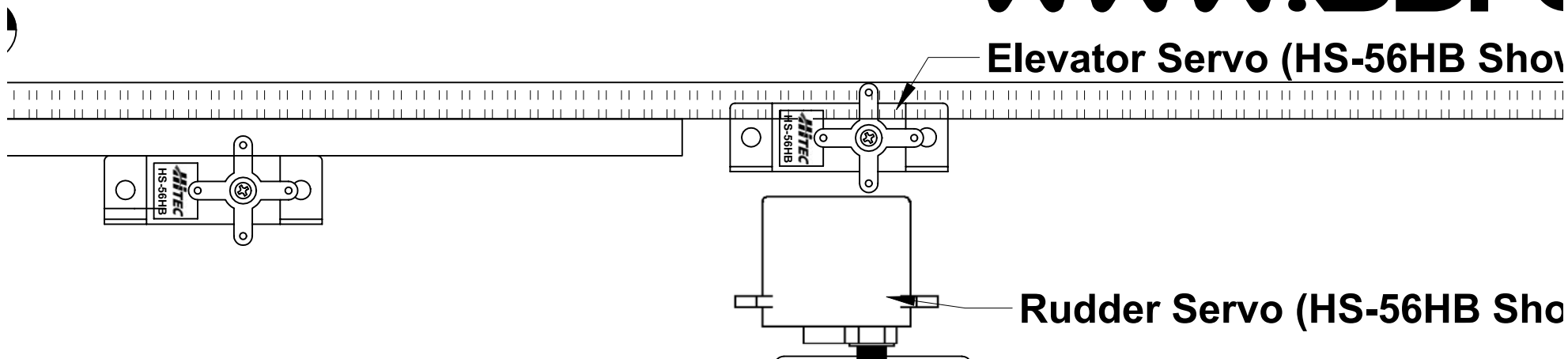


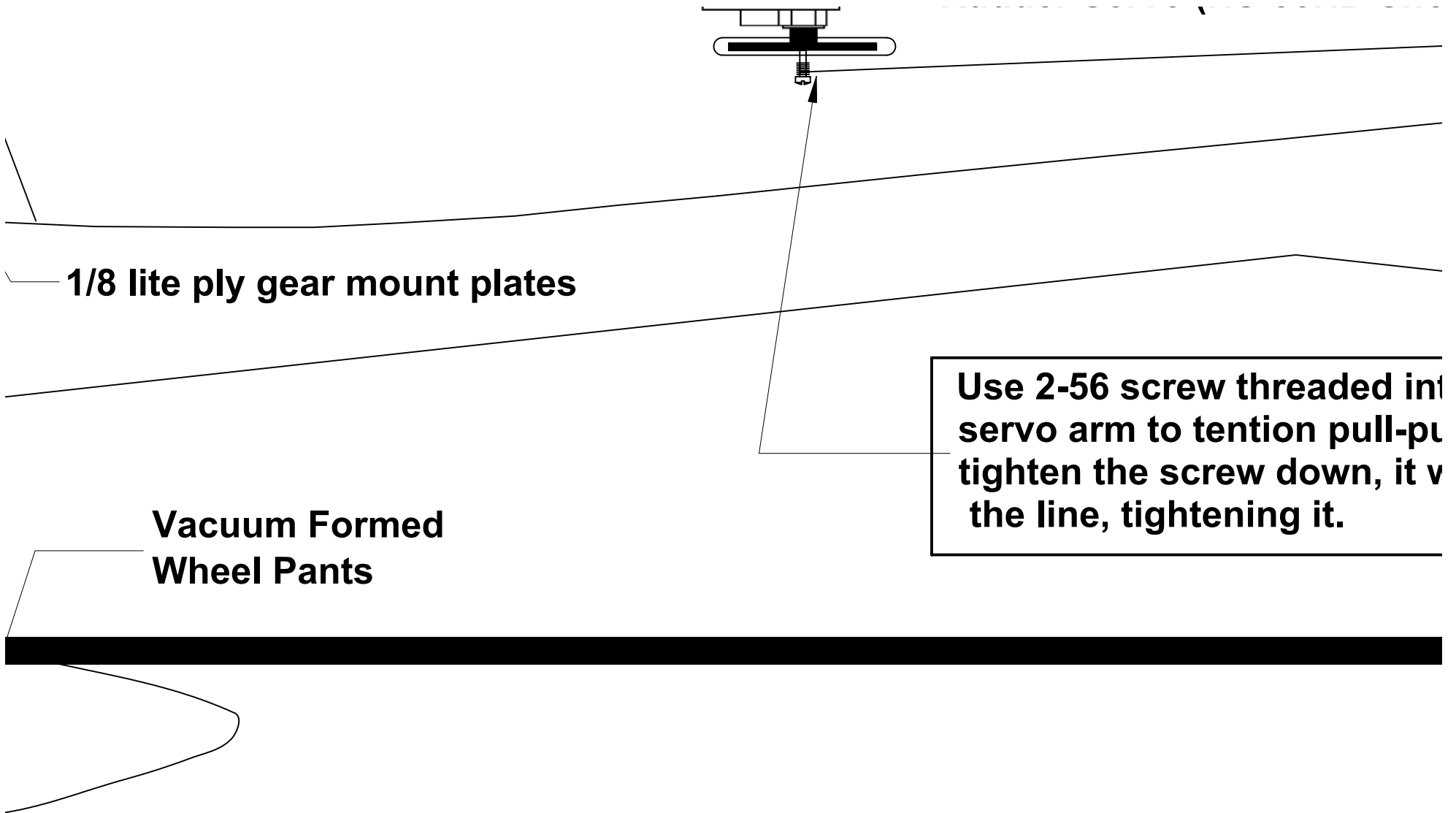
**Mount Battery Pack
with 1" Velcro strap.
Also use adhesive
Velcro on the side of
fuselage and back of
pack to secure in
place.**



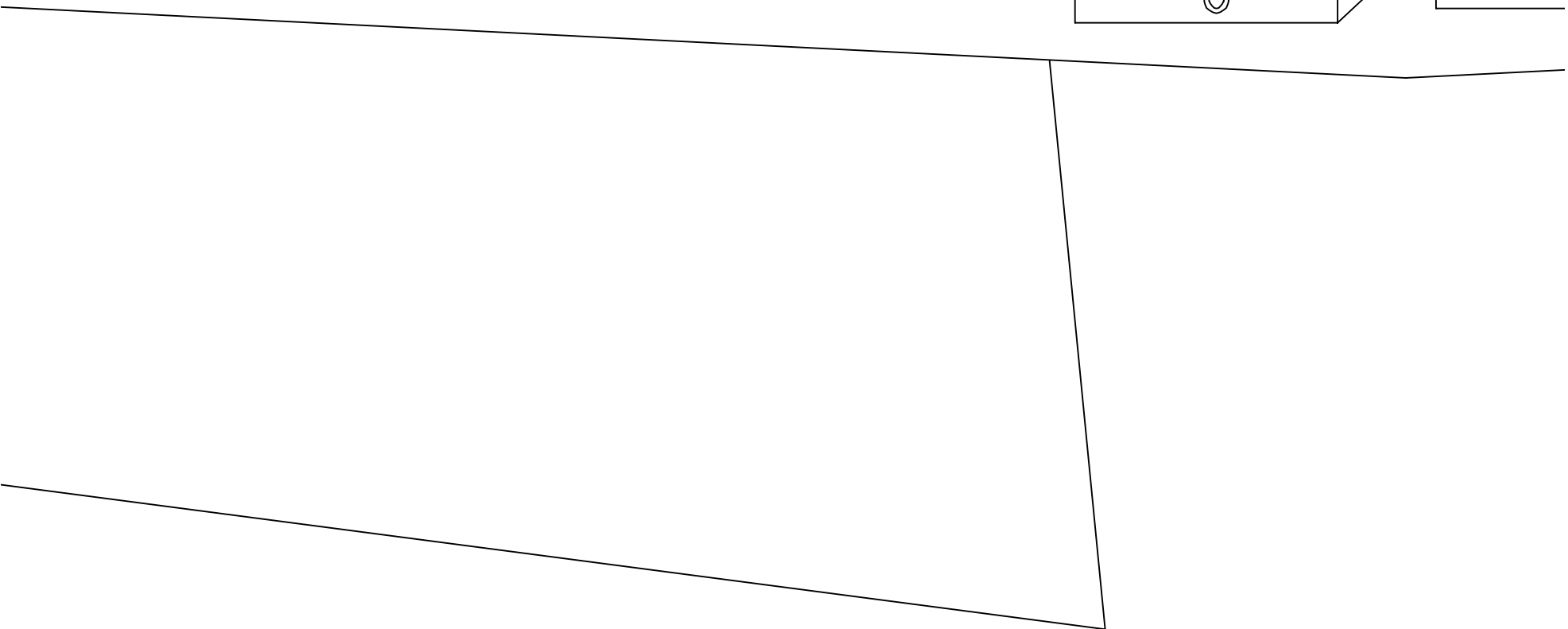
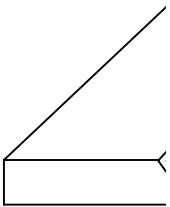
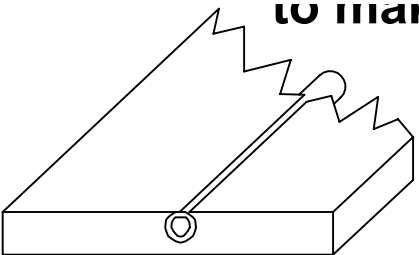


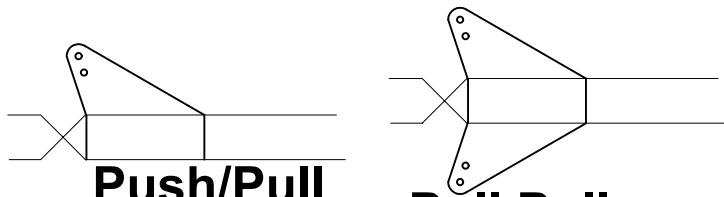
WWW.3DFC





to make round

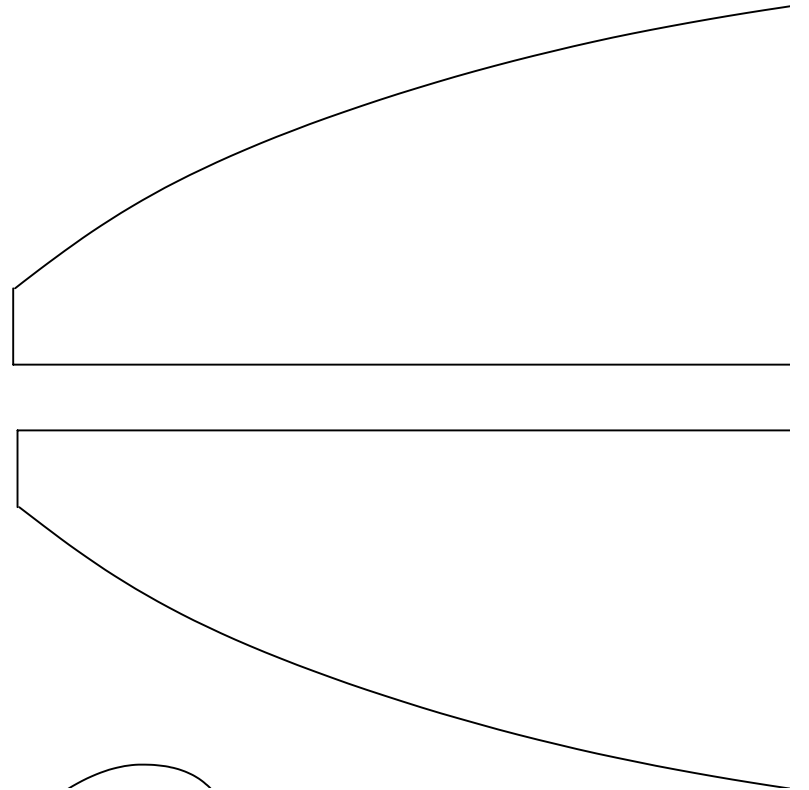


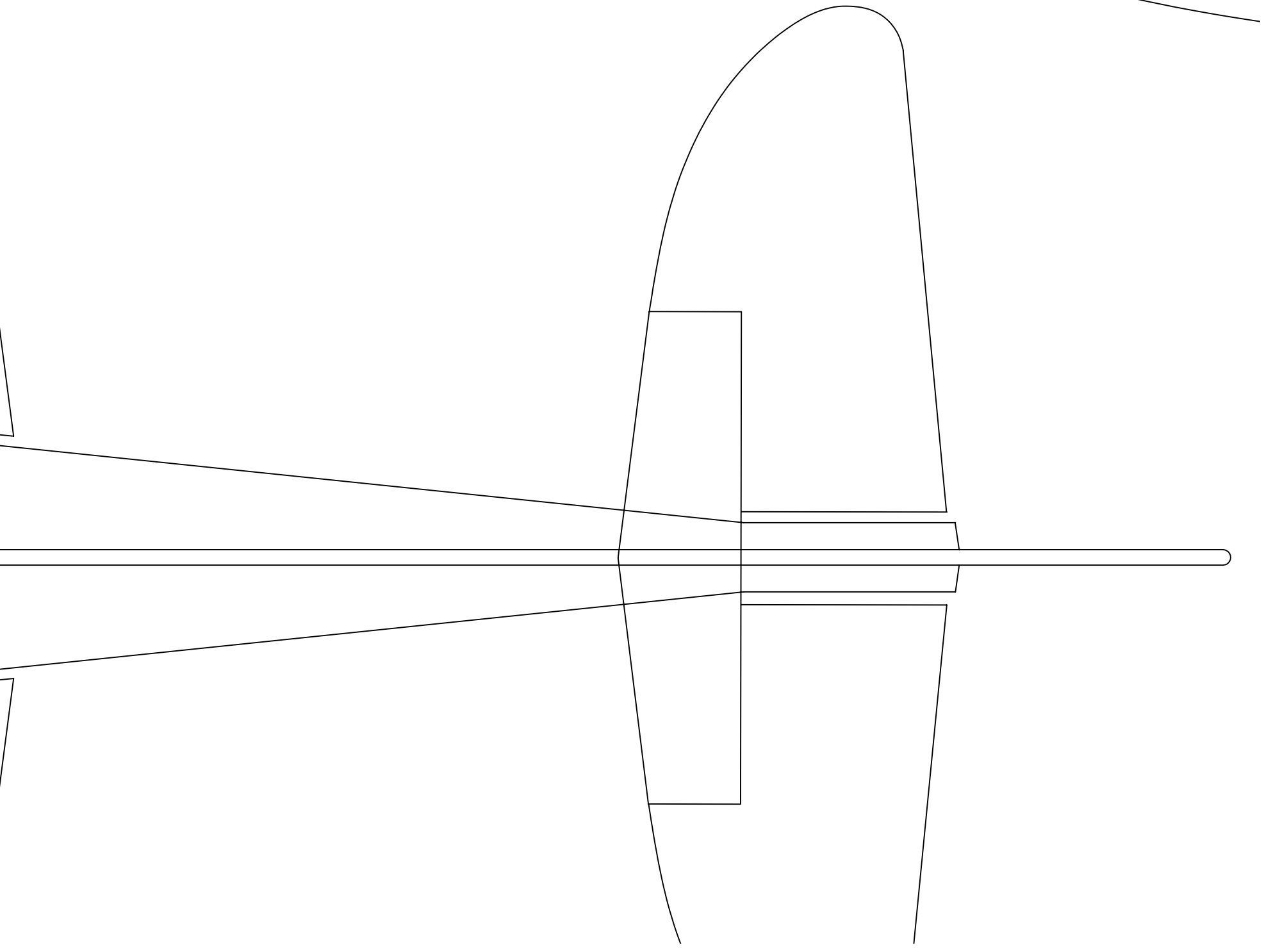


Push/Pull

Pull Pull

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

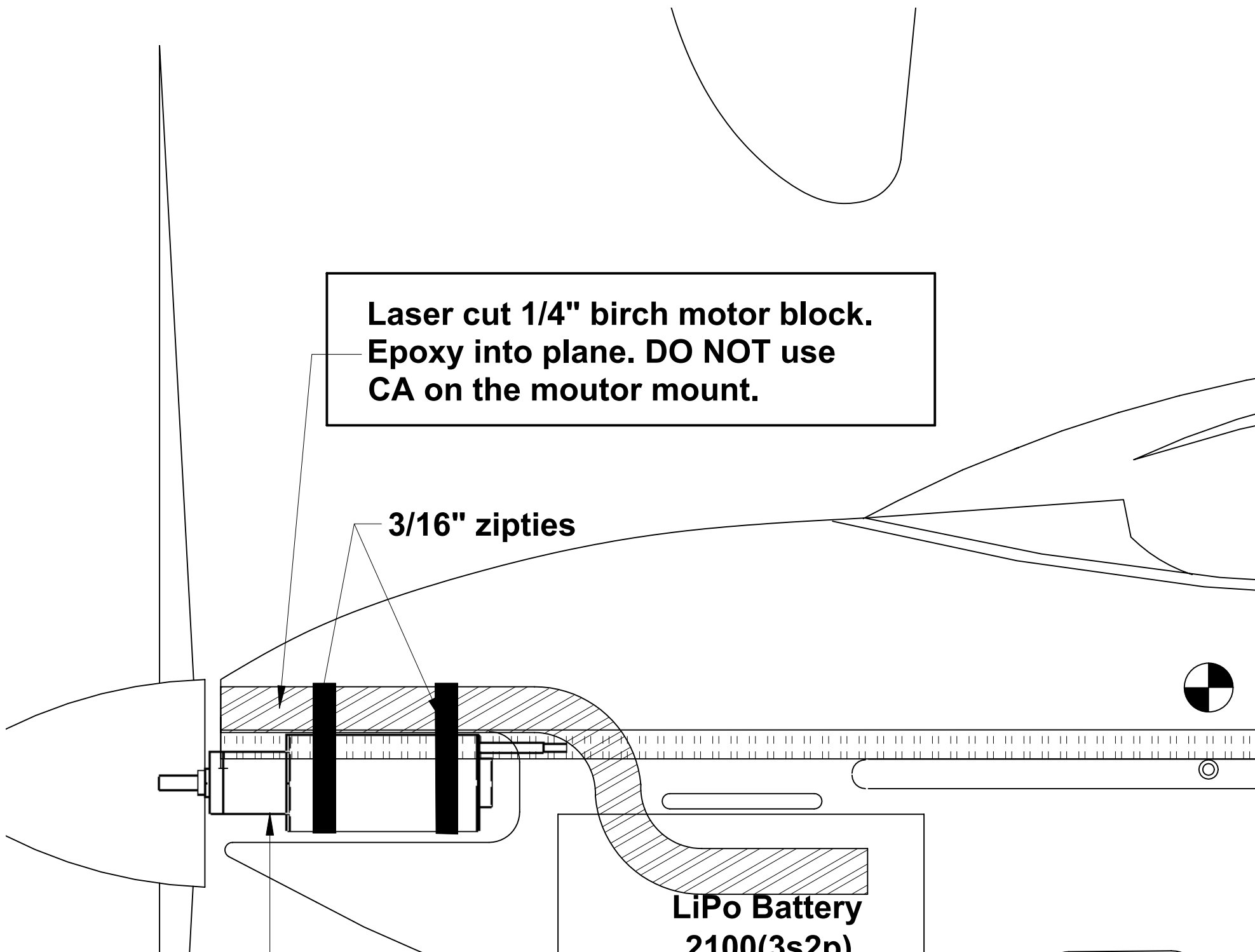




**Laser cut 1/4" birch motor block.
Epoxy into plane. DO NOT use
CA on the motor mount.**

3/16" zipties

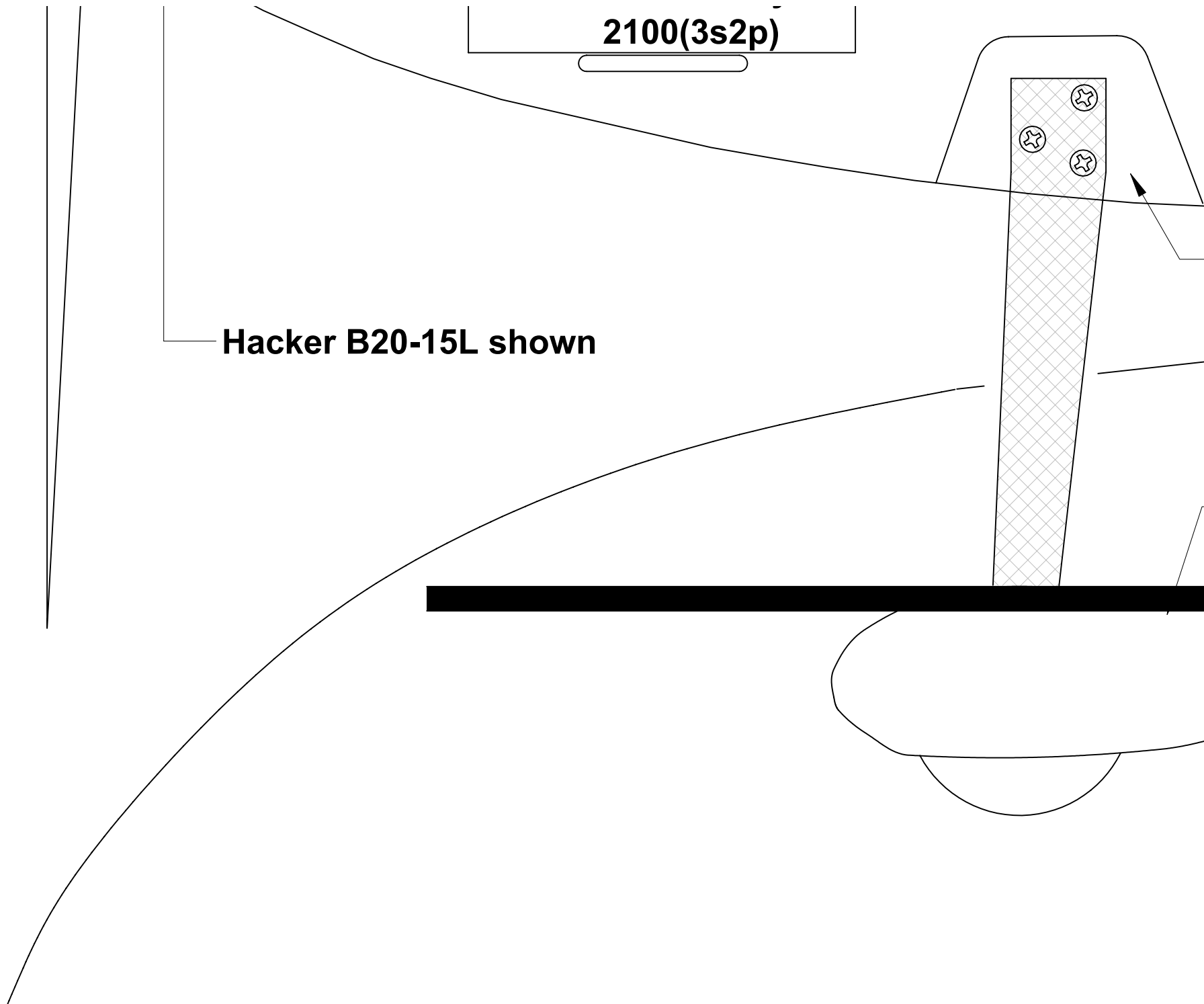
**LiPo Battery
2100(3s2p)**

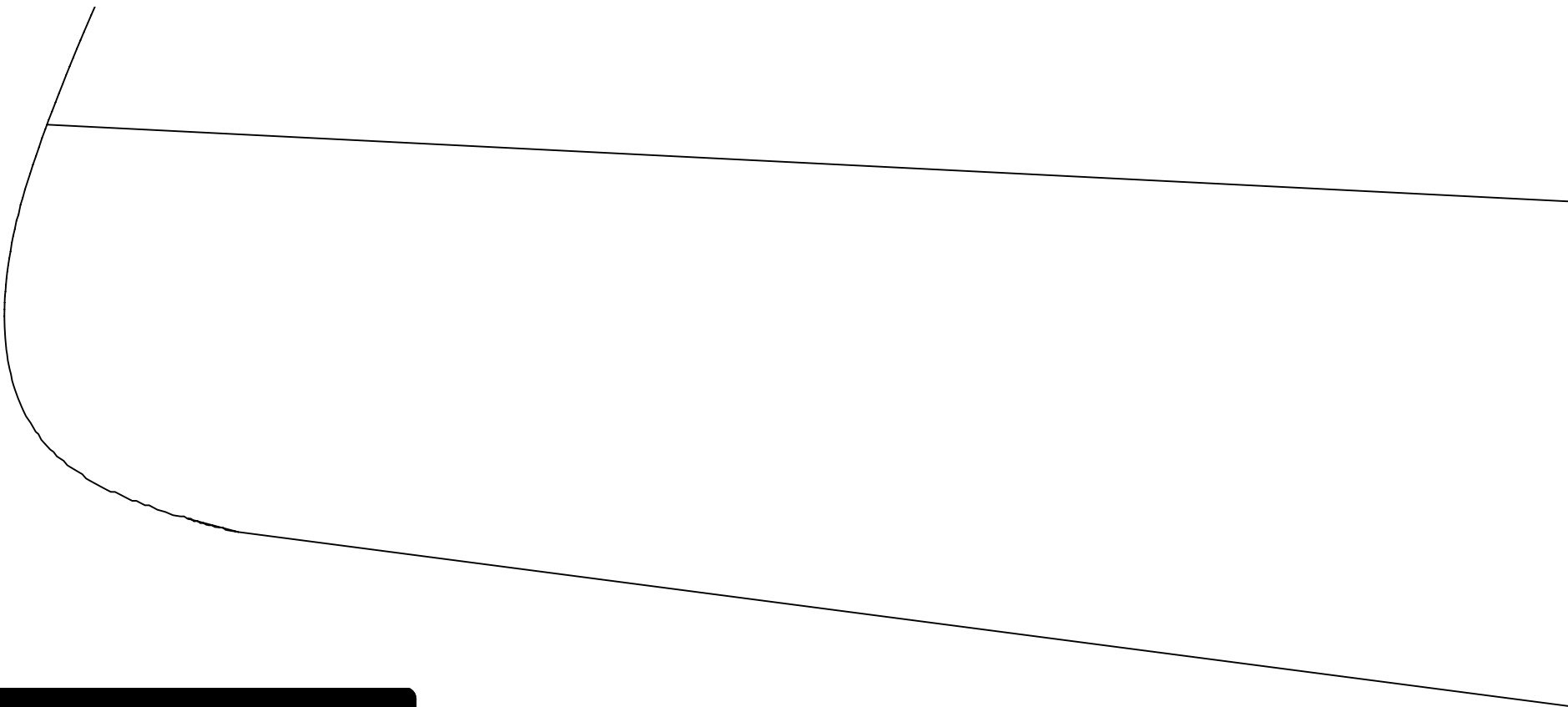


2100(3s2p)

Hacker B20-15L shown

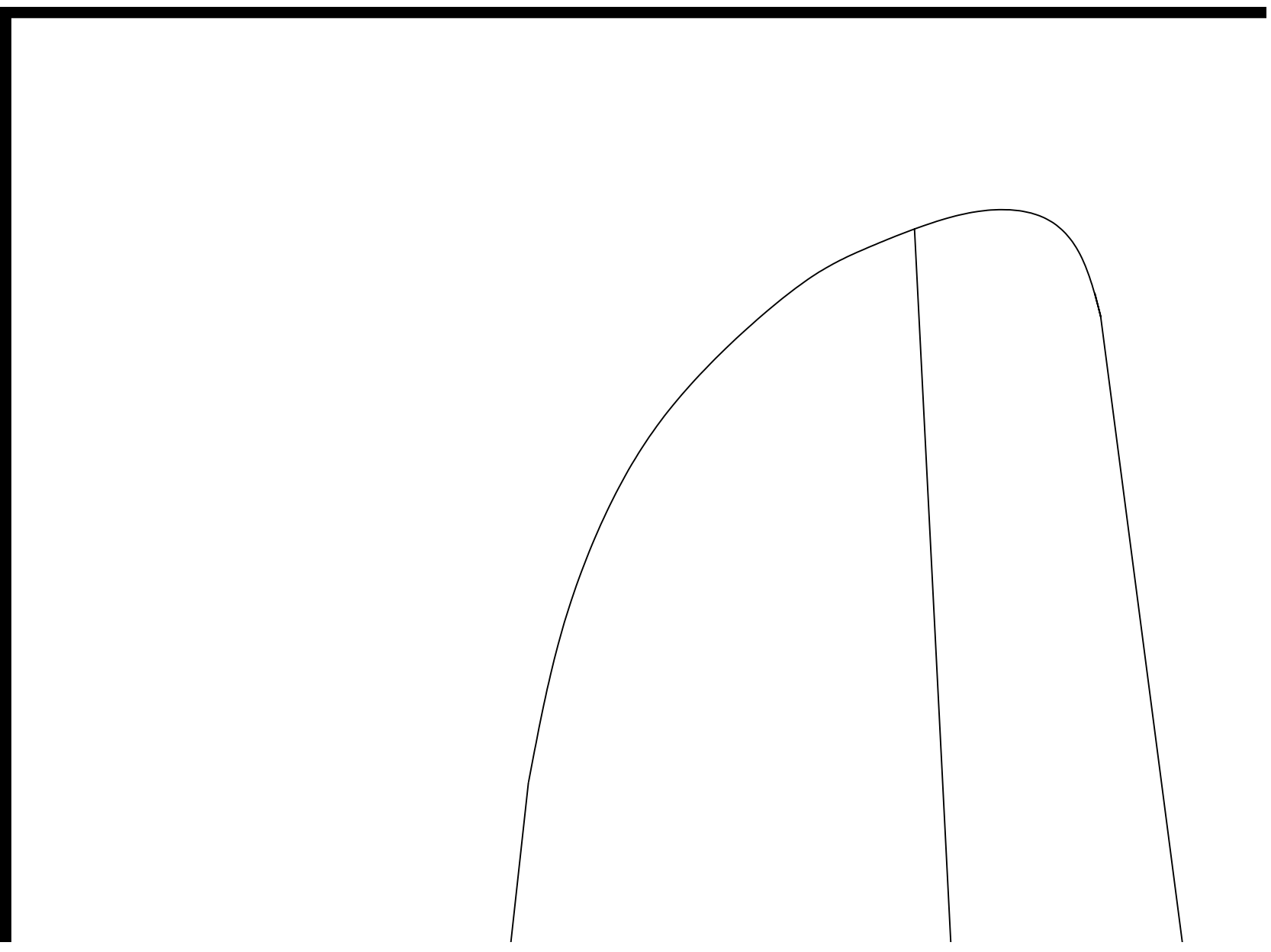
IX.

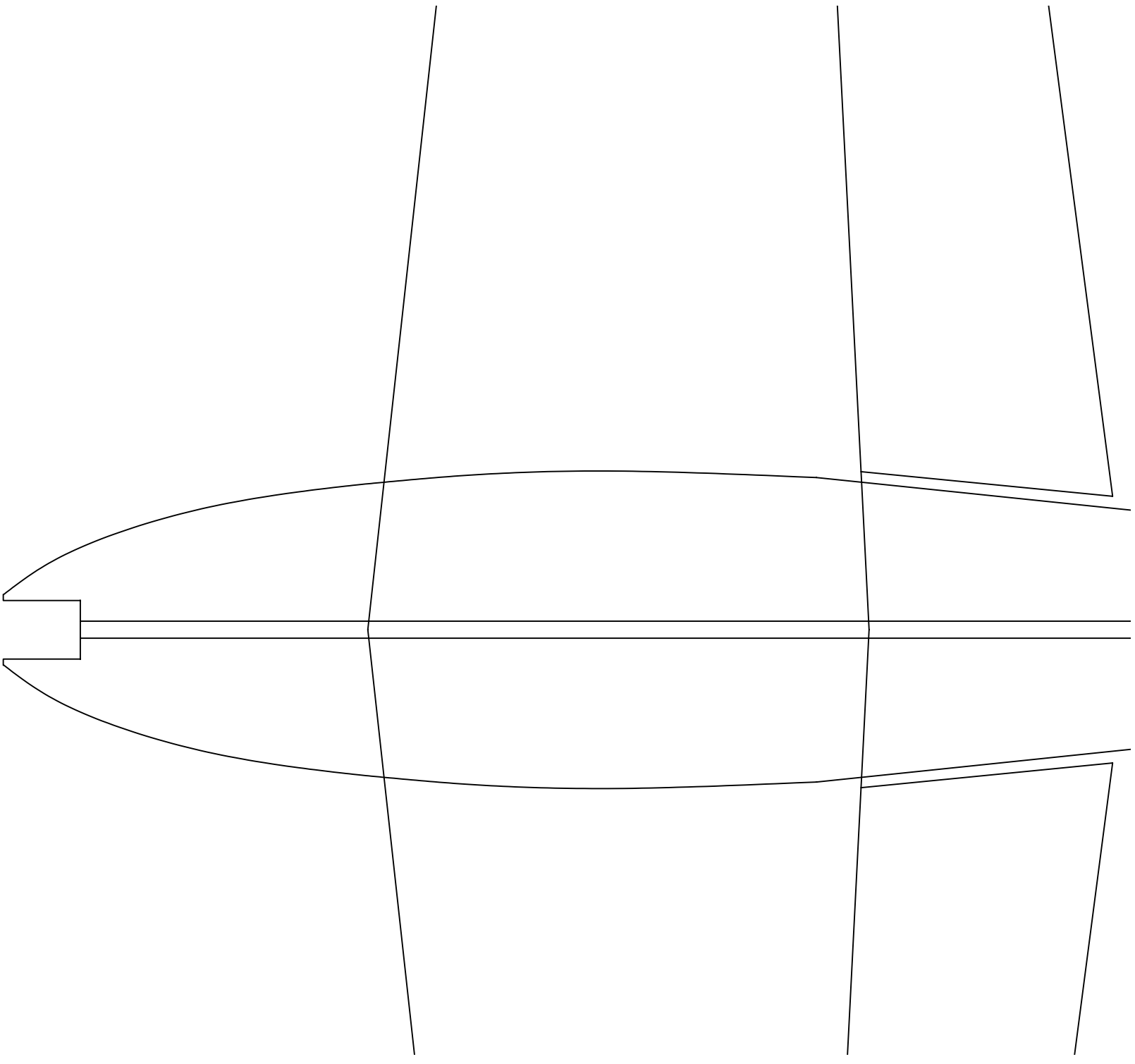


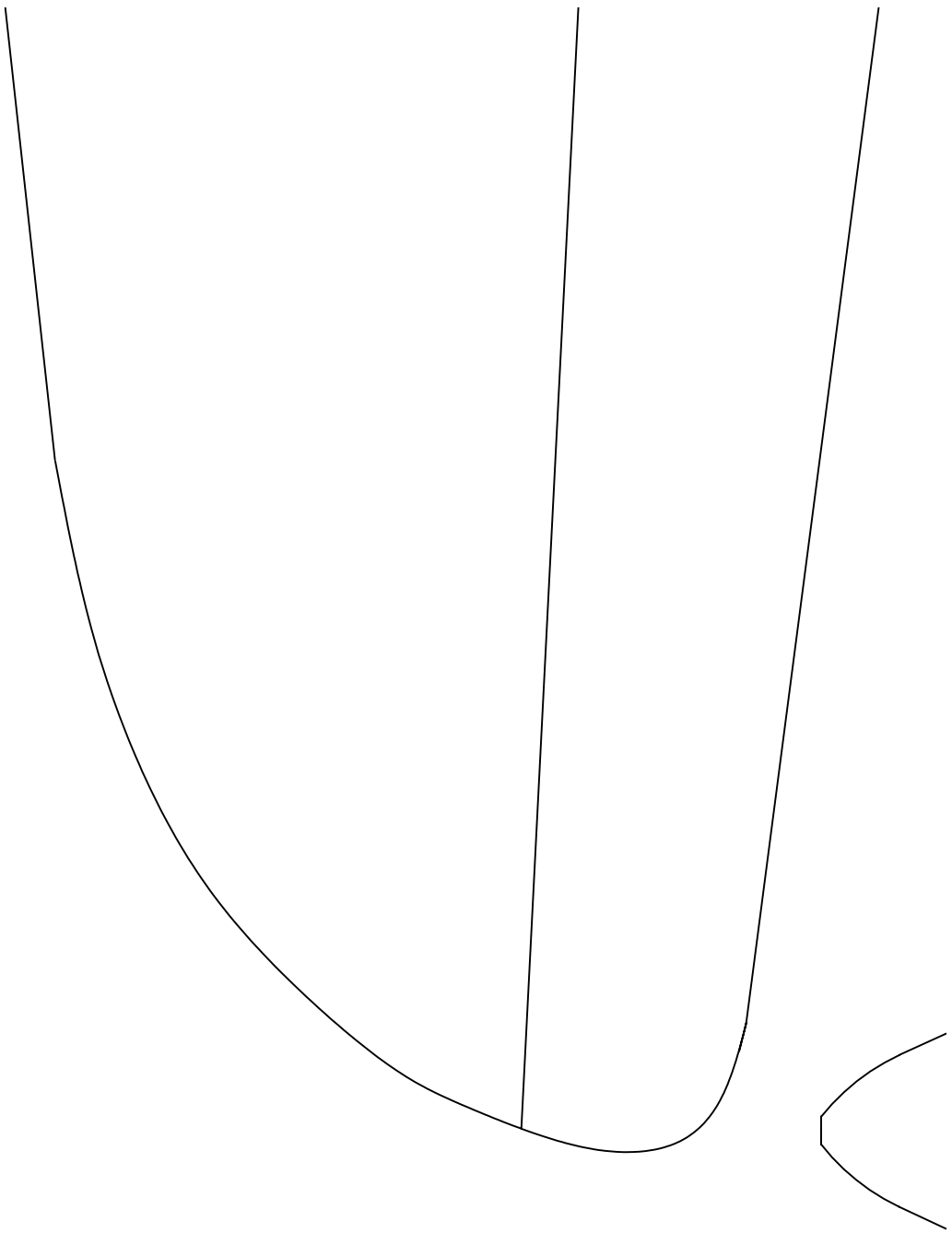


3D

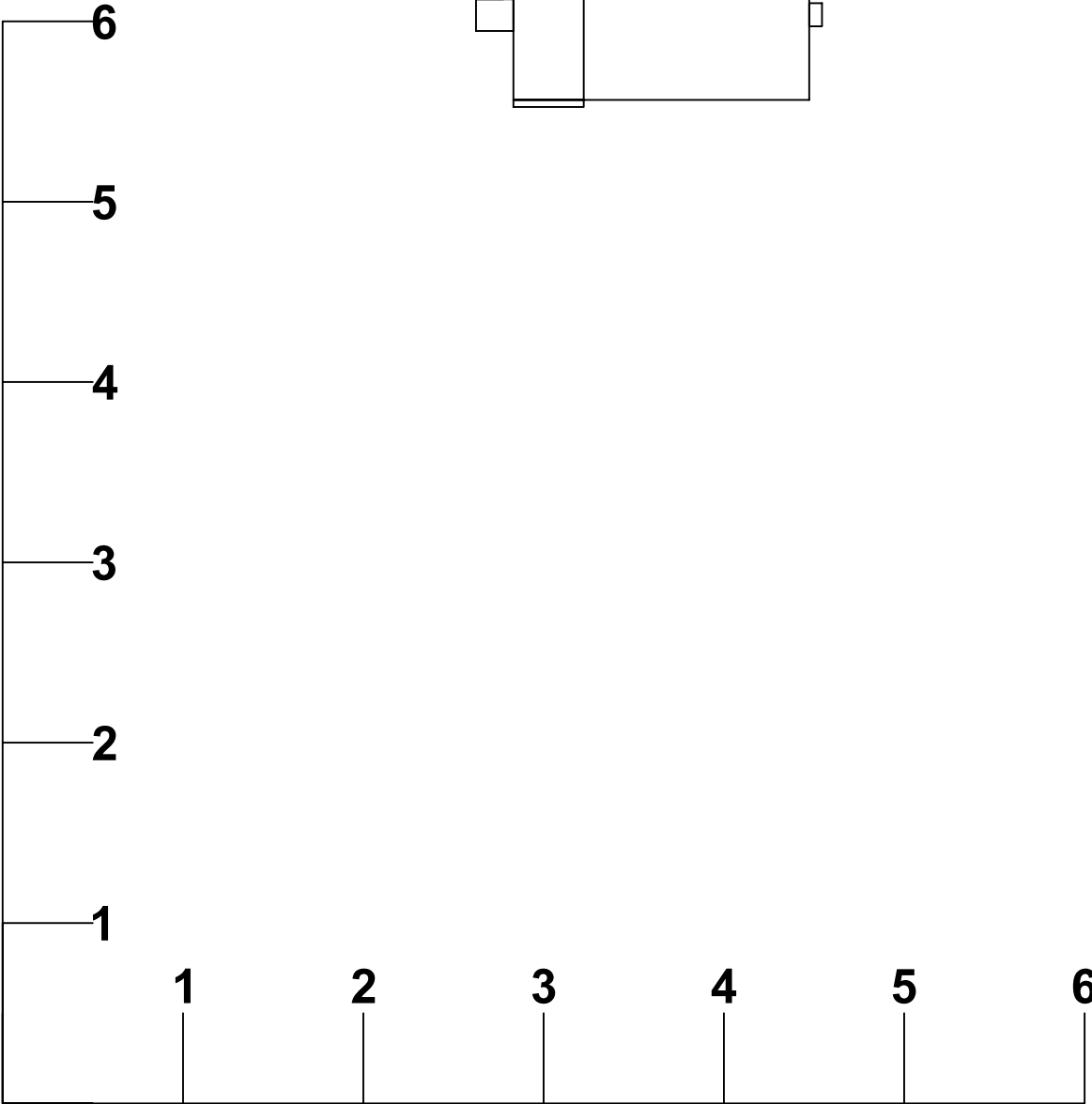
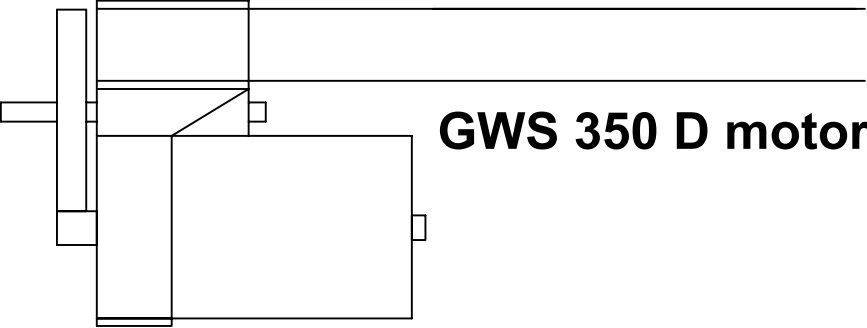
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Designed and Drawn by
John and Levi Jordan
8/15/2004







GWS 350 D motor Gear box.



Weight	10.5-15.5 oz.
Thrust	24-39 oz.
Radio	4-5 Chanel
Area	299.8 in2
Loading	5.0-7.7 oz/ft2
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Specs:

Tibur on 3

3D FOAMY

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Designed and built by
Matt Putman and
Updated: 08/15/04