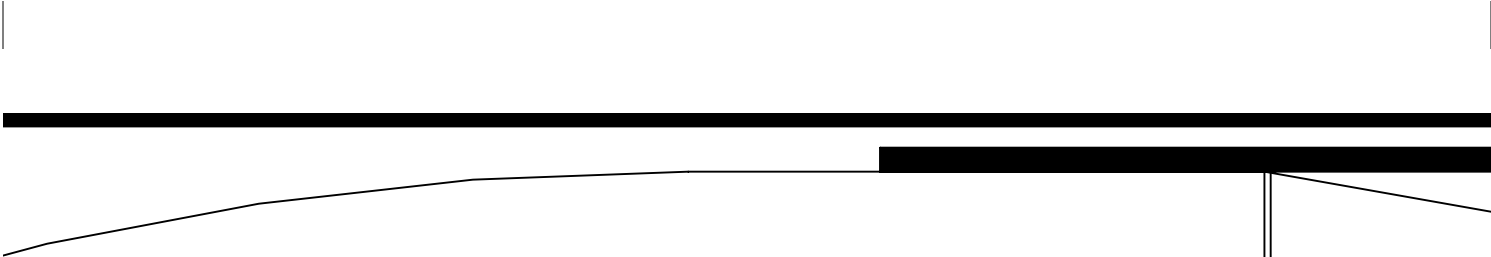
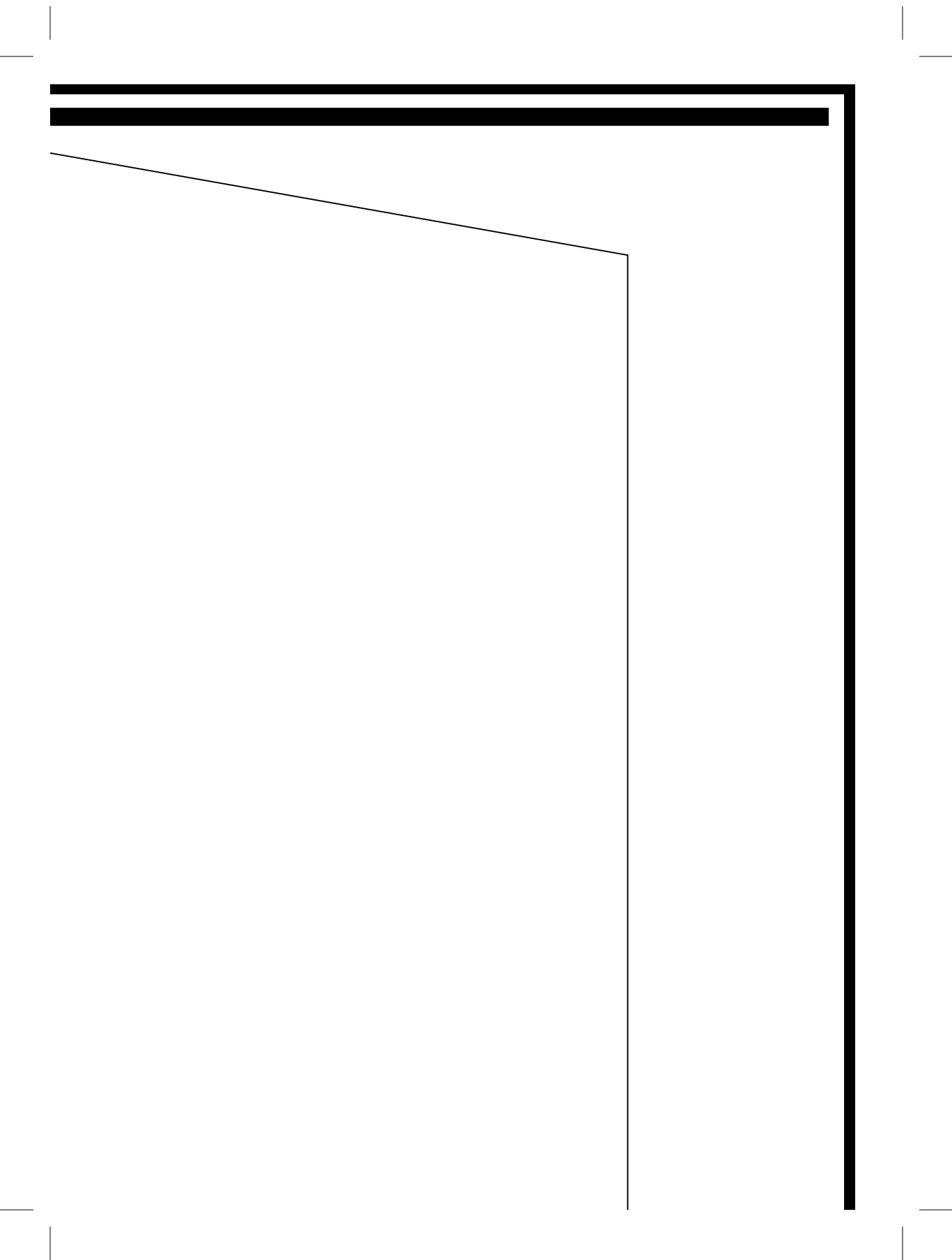




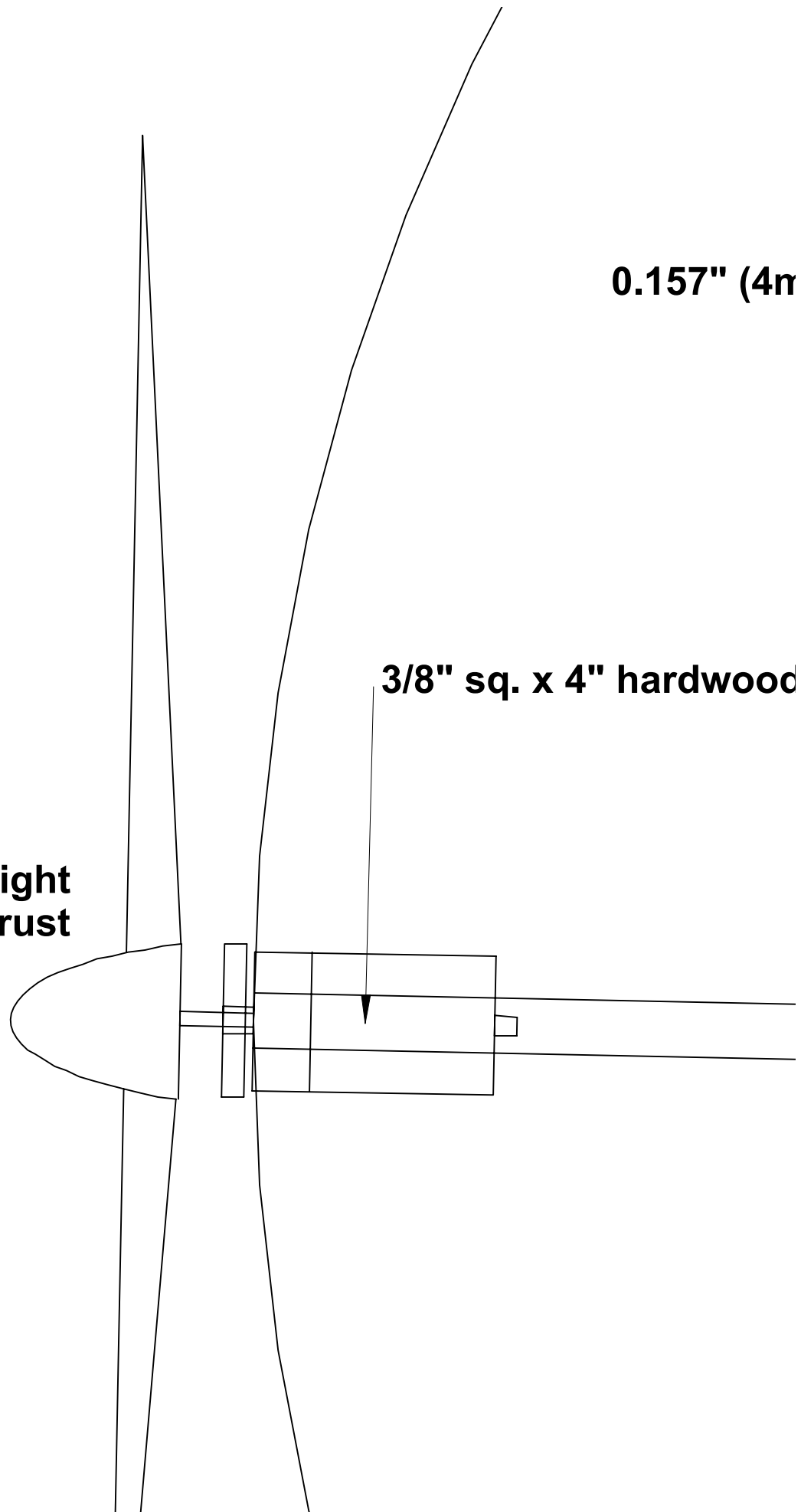
**Cut all parts from 6mm Depron or**



**r Fan Fold Foam. (Home Depot, Lowes)**



**Mount motc**



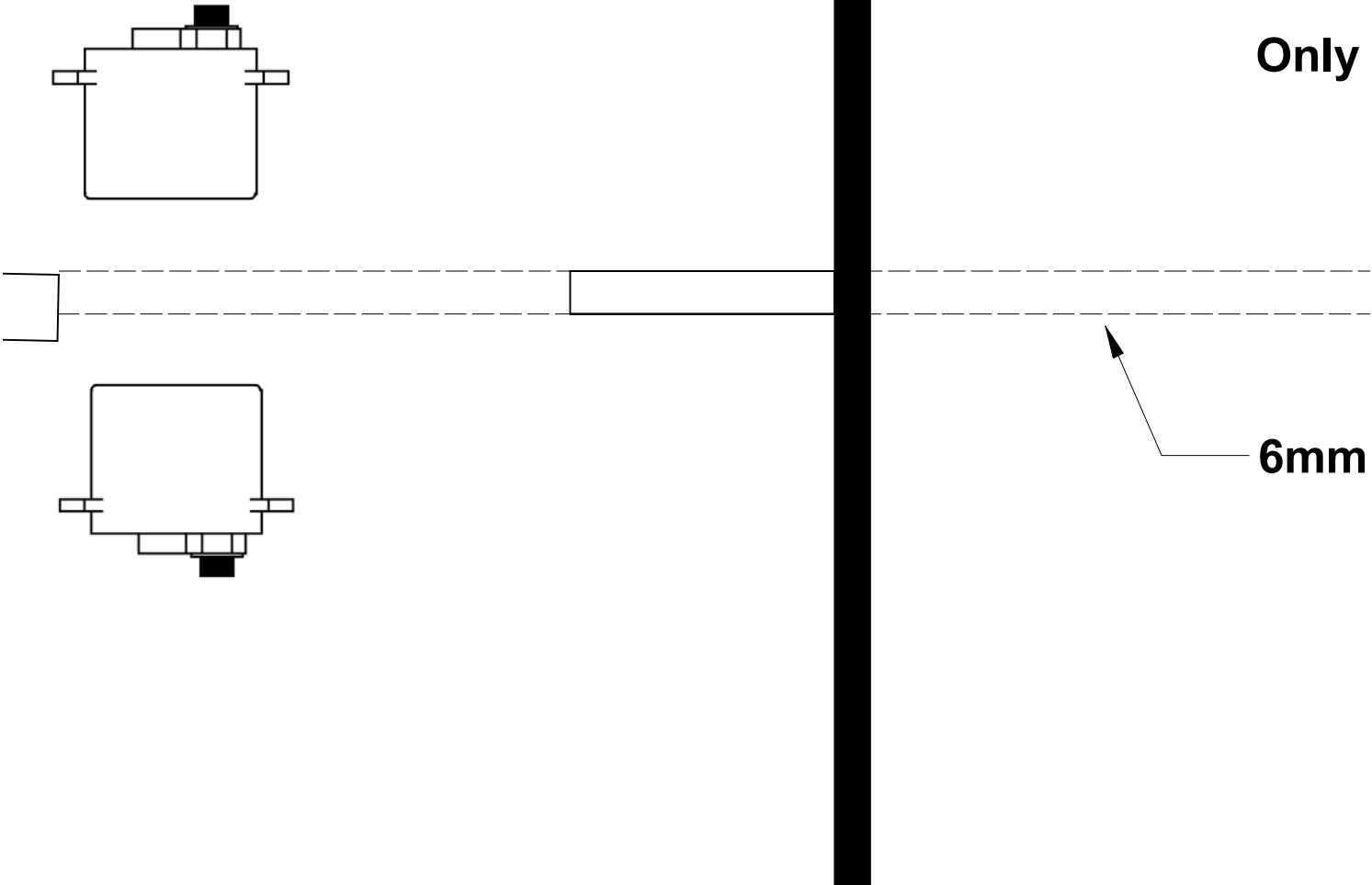
**0.157" (4mm)**

**3/8" sq. x 4" hardwood**

**or with 1 to 2 deg. right  
thrust**

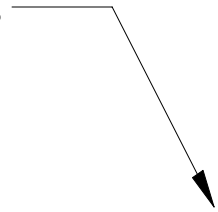
1m) carbon tube wing spar

1 motor mount

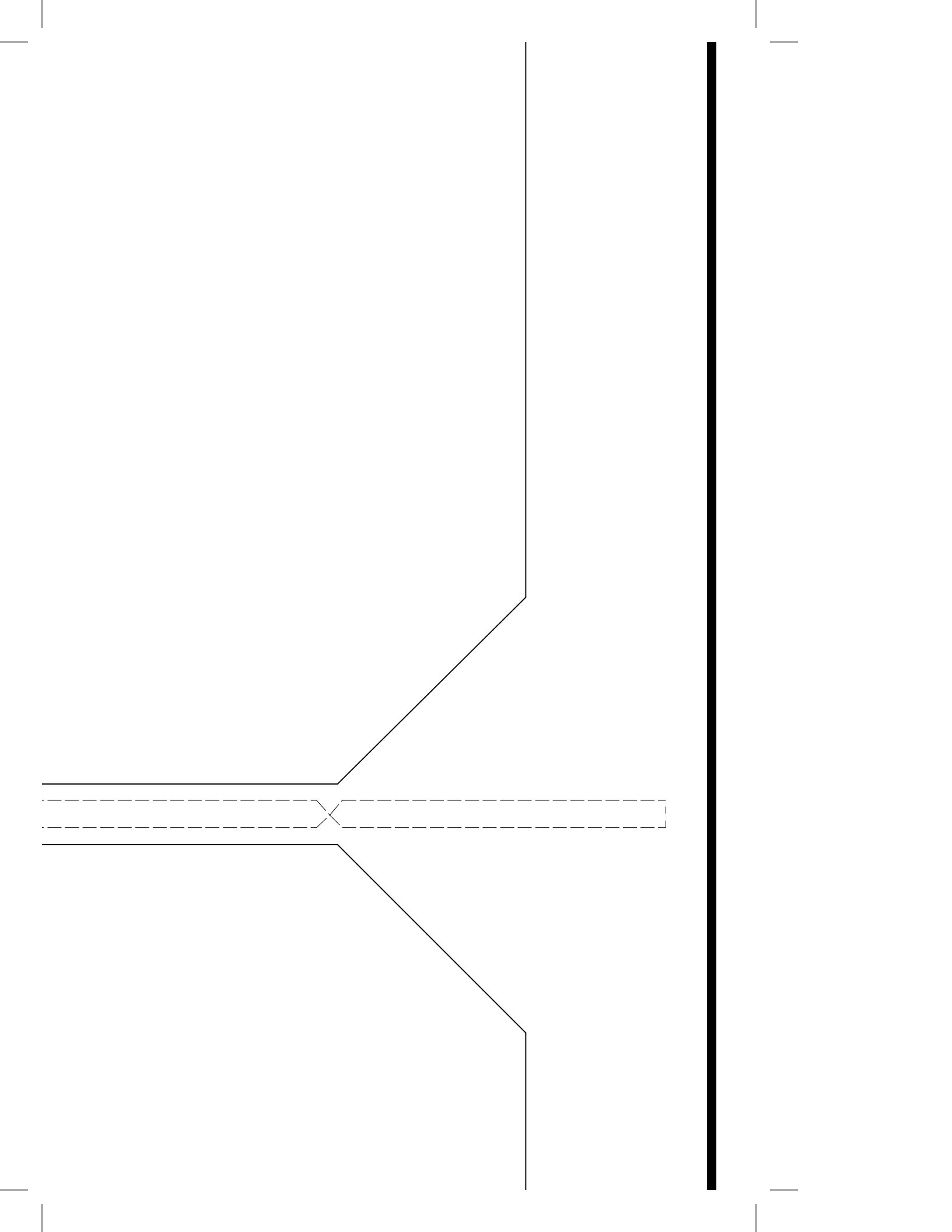




**Cut Dark lines**

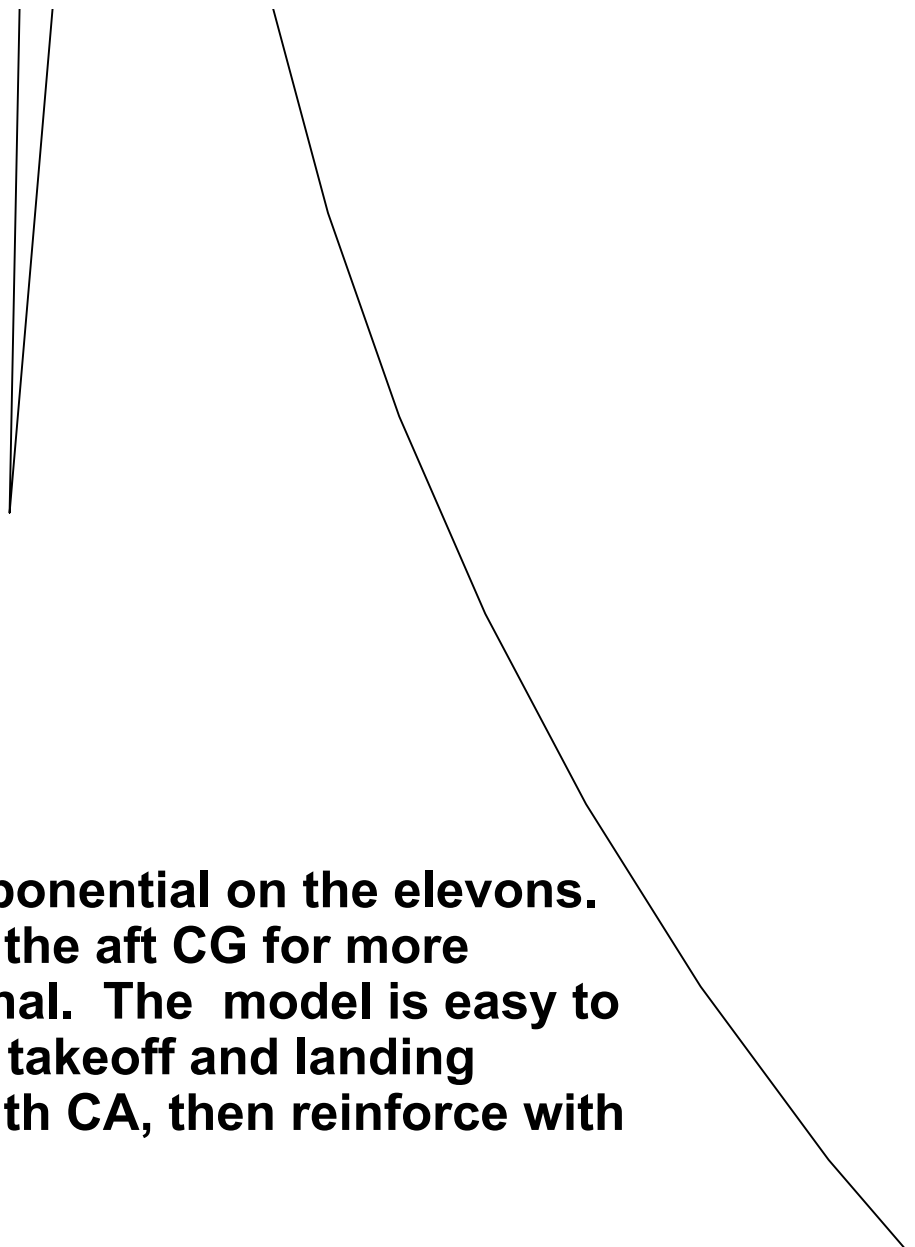


**Depron or Fanfold Vertical fuselage**



**Notes: Use 3M satin tape for elevon and rudder.  
Use the forward CG shown for more docile flight  
aerobatic flight characteristics. Vertical takeoff,  
hover and catch, so only install the landing gear  
capability. For landing gear, glue carbon rods.  
3M Satin tape.**

Motor Gear  
GWS EPS  
GWS EPS  
Hacker B  
Hacker B  
Hacker B  
Hacker B



**ler hinges. Use -40% exponential on the elevons. ight characteristics and the aft CG for more off landing gear is optional. The model is easy to gear if you want vertical takeoff and landing s to wing and tail tips with CA, then reinforce with**

## **Motor/Battery Info**

aring Prop Battery Amp Draw Thrust

3350C DS (6.6:1) GWS 12x6 2s1p Lipo 9.5 17.1 oz.

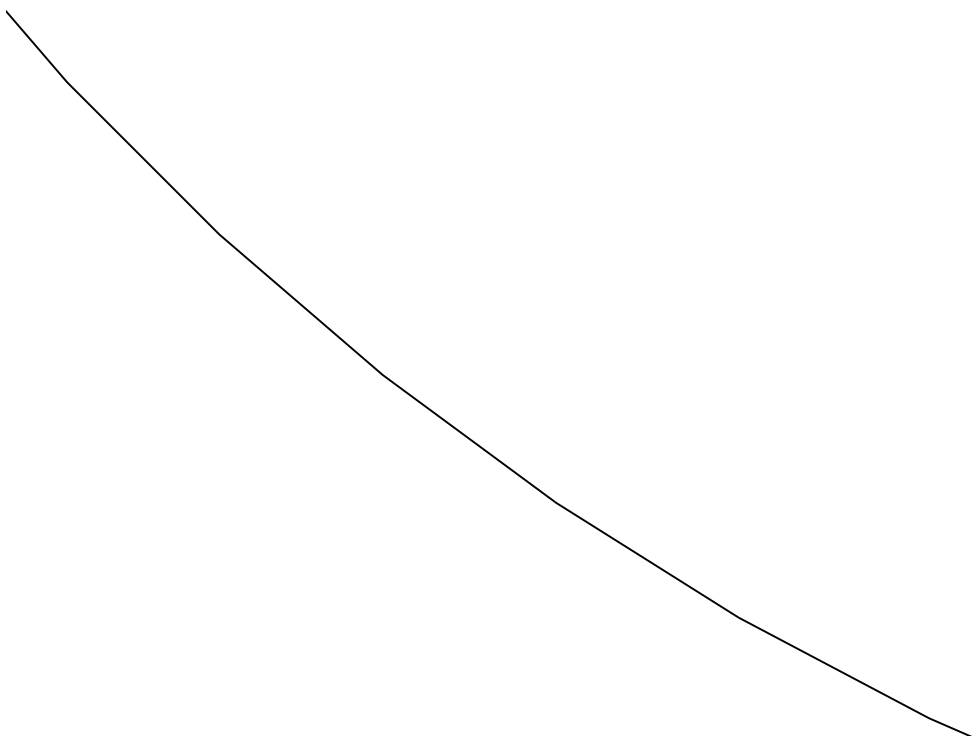
3350C DS (6.6:1) GWS 11x4.7 3s1p Lipo 11.5 24.3 oz.

20-26S 4:1 Planetary APC 11x4.7 3s1p LiPo 11 amps 22.1 oz.

20-31S 4:1 Planetary APC 11x4.7 3s1p LiPo 7.7 amps 18.6 oz.

20-15L 4:1 Planetary APC 11x4.7 3s2p LiPo 19.5 amps 38.5 oz.

20-15L 4:1 Planetary APC 11x4.7 2s1p LiPo 10.8 amps 20.6 oz.







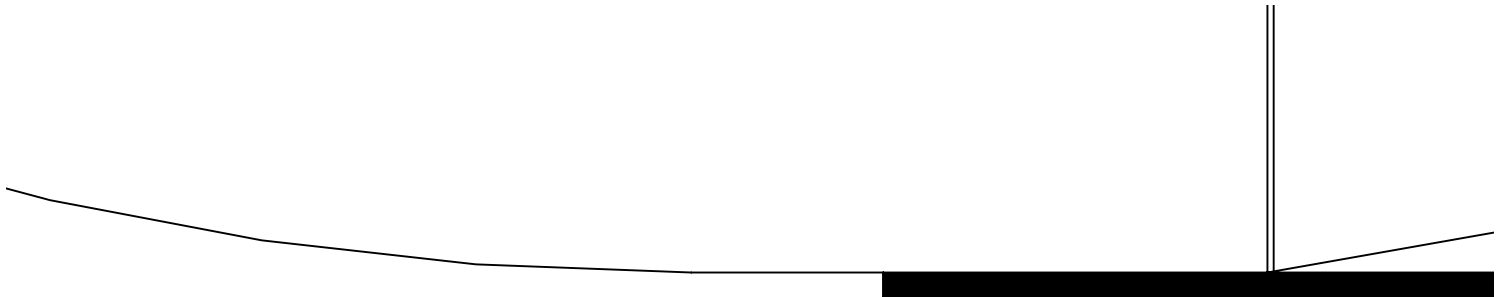
Hacker B:  
Hacker B:  
Razor RZ  
Razor RZ  
Razor RZ  
Razor RZ  
Razor RZ  
Razor RZ  
Razor Mic  
PJS 3D 5  
PJS 3D 5  
HiMax HA  
HiMax HA  
HiMax HA  
HiMax HA  
HiMax HA  
HiMax HA  
HiMax HA  
HiMax HA  
HiMax HA



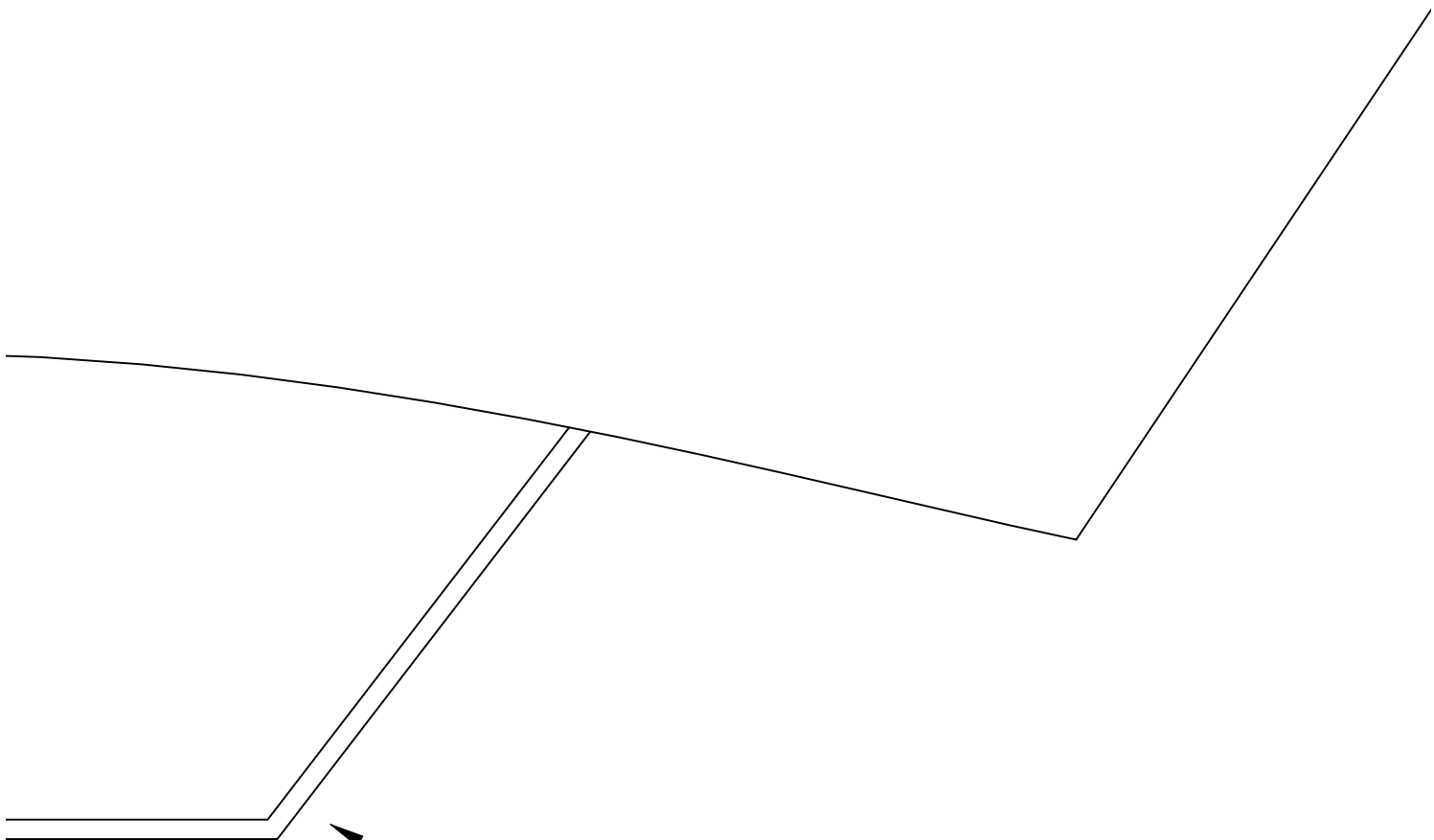
20-18L 4:1 Planetary APC 11x4.7 3s1p LiPo 11.7 amps 27.7 oz.  
20-18L 4:1 Planetary APC 12x6 3s2p LiPo 19 amps 36.7 oz.  
300 GWS/5.3:1 GWS 11x4.7 2s1p LiPo 8.8 amps 15.7 oz.  
300 GWS/5.3:1 GWS 12x6 2s1p LiPo 9.9 amps 18.5 oz.  
300 GWS/6.6:1 GWS 11x4.7 3s1p LiPo 12 amps 26 oz.  
350 GWS/6.6:1 GWS 12x6 3s1p LiPo 12.4 amps 27 oz.  
350 GWS/6.6:1 GWS 11x4.7 3s1p LiPo 8.7 amps 21.2 oz.  
ProHeli v2 GWS/6.6:1 GWS 12x6 3s1p LiPo 8.9 amps 22.8 oz.  
400 Direct APC 10x4.7 3s2p LiPo 16.4 amps 21.9 oz.  
50 Direct APC 10x4.7 3s2p LiPo 13.8 amps 20.7 oz.  
2015-3600 GWS/5.3:1 GWS 12x6 3s1p LiPo 8.7 amps 20.5 oz.  
2015-3600 GWS/6.6:1 GWS 12x6 3s1p LiPo 6.5 amps 18.5 oz.  
2015-4100 GWS/6.6:1 GWS 12x6 3s1p LiPo 11.2 amps 26.4 oz.  
2015-4100 GWS/5.3:1 GWS 11x4.7 3s1p LiPo 11.6 amps 25.2 oz.  
2015-5400 GWS/6.6:1 GWS 12x6 2s1p LiPo 10.2 amps 17.8 oz.  
2025-3236 3.6:1 Planetary APC 11x4.7 3s2p LiPo 14 amps 29.3 oz.  
2025-3236 3.6:1 Planetary APC 12x6 3s2p LiPo 17 amps 32.2 oz.  
2025-4236 4.3:1 Planetary APC 11x4.7 3s2p Lipo 20.2 amps 38.1 oz.

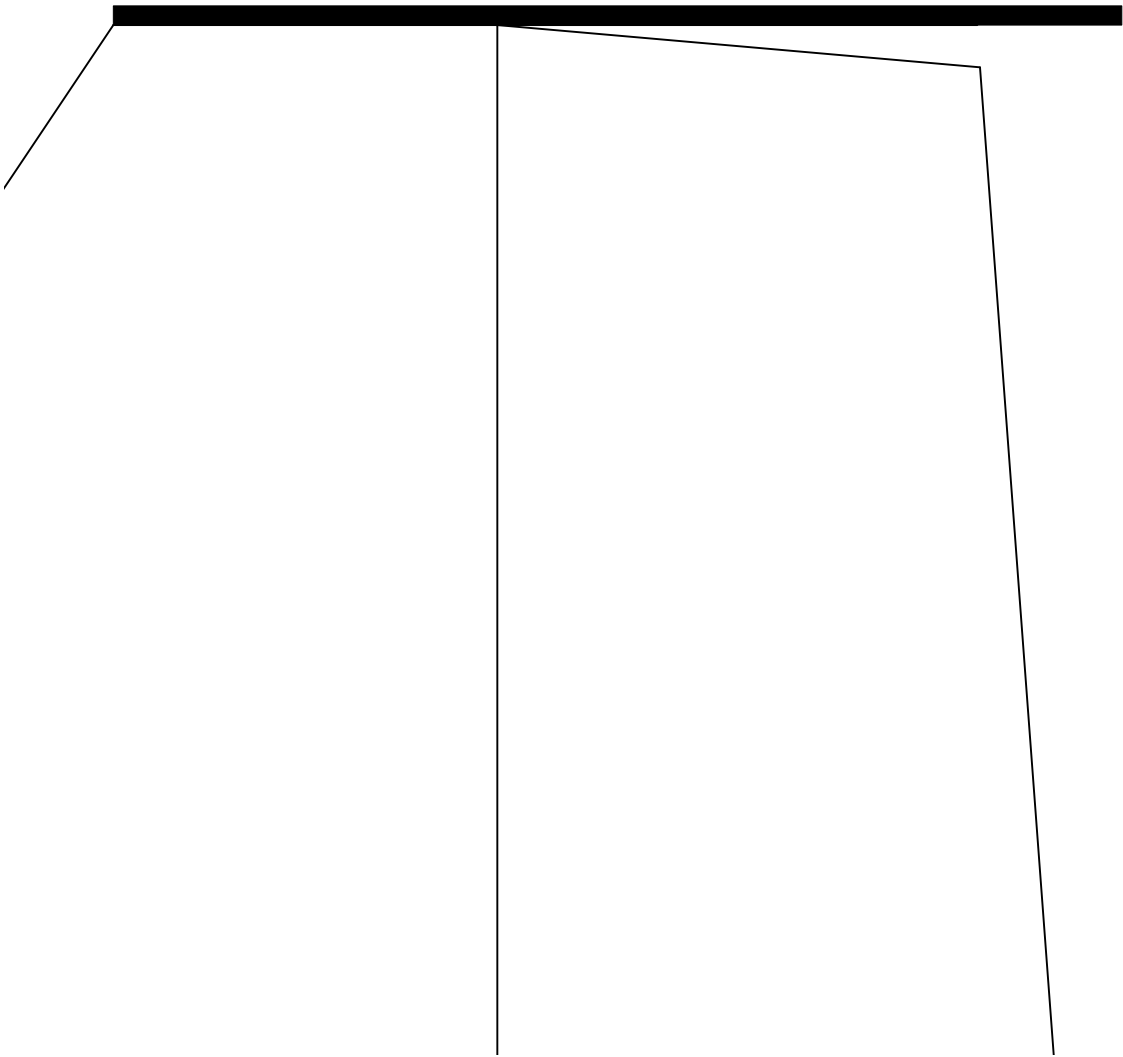
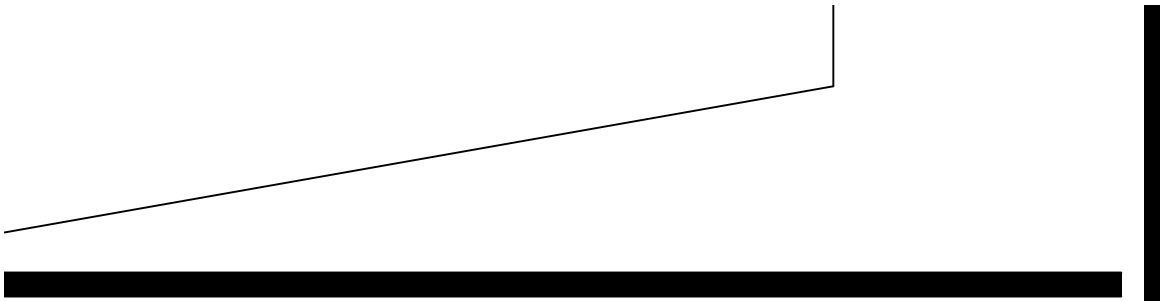
or with D gearing  
shown





**.125" dia. carbon tube landing gear on  
wingtips and tail tips (OPTIONAL)**





<b>Weight</b>	<b>10.5-12.0 oz.</b>
<b>Thrust</b>	<b>24-39 oz.</b>
<b>Radio</b>	<b>4 Chanel</b>
<b>Area</b>	<b>603 in2</b>
<b>Loading</b>	<b>2.5-2.9 oz/ft2</b>

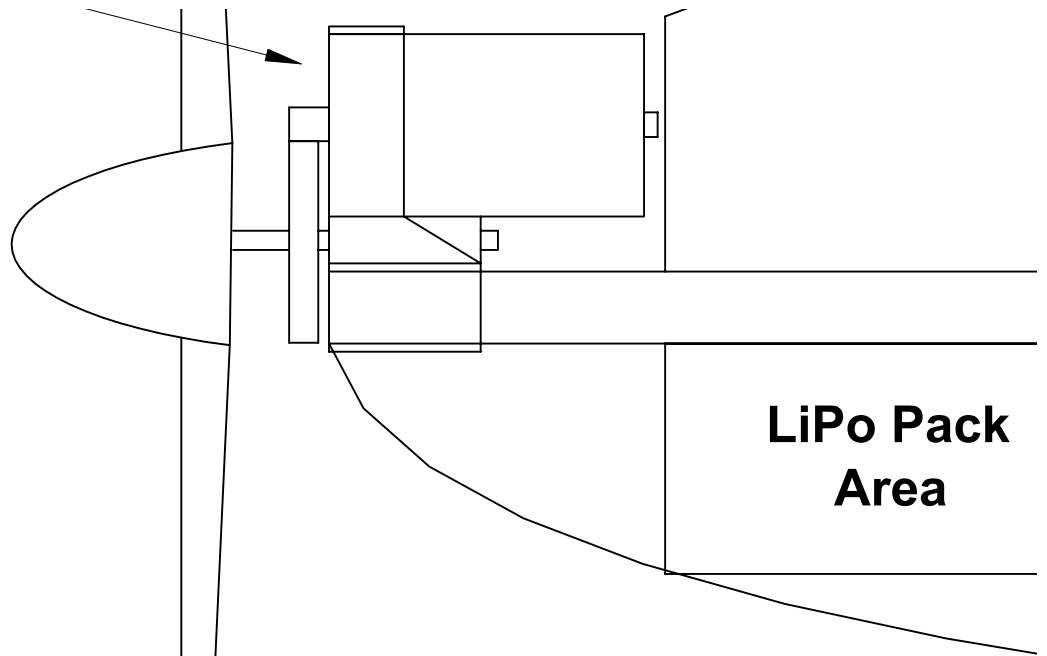
**WWW.3DFOAMY.COM**

**Specs:**

**VTO**

**3D FOAMY**

SHOWN



**LiPo Pack  
Area**

[Vertical Take Off]

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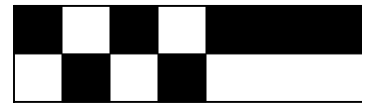
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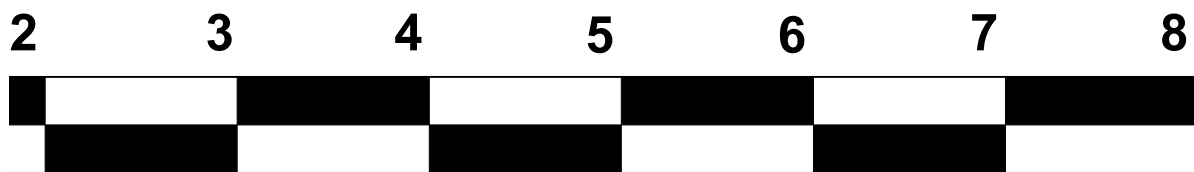
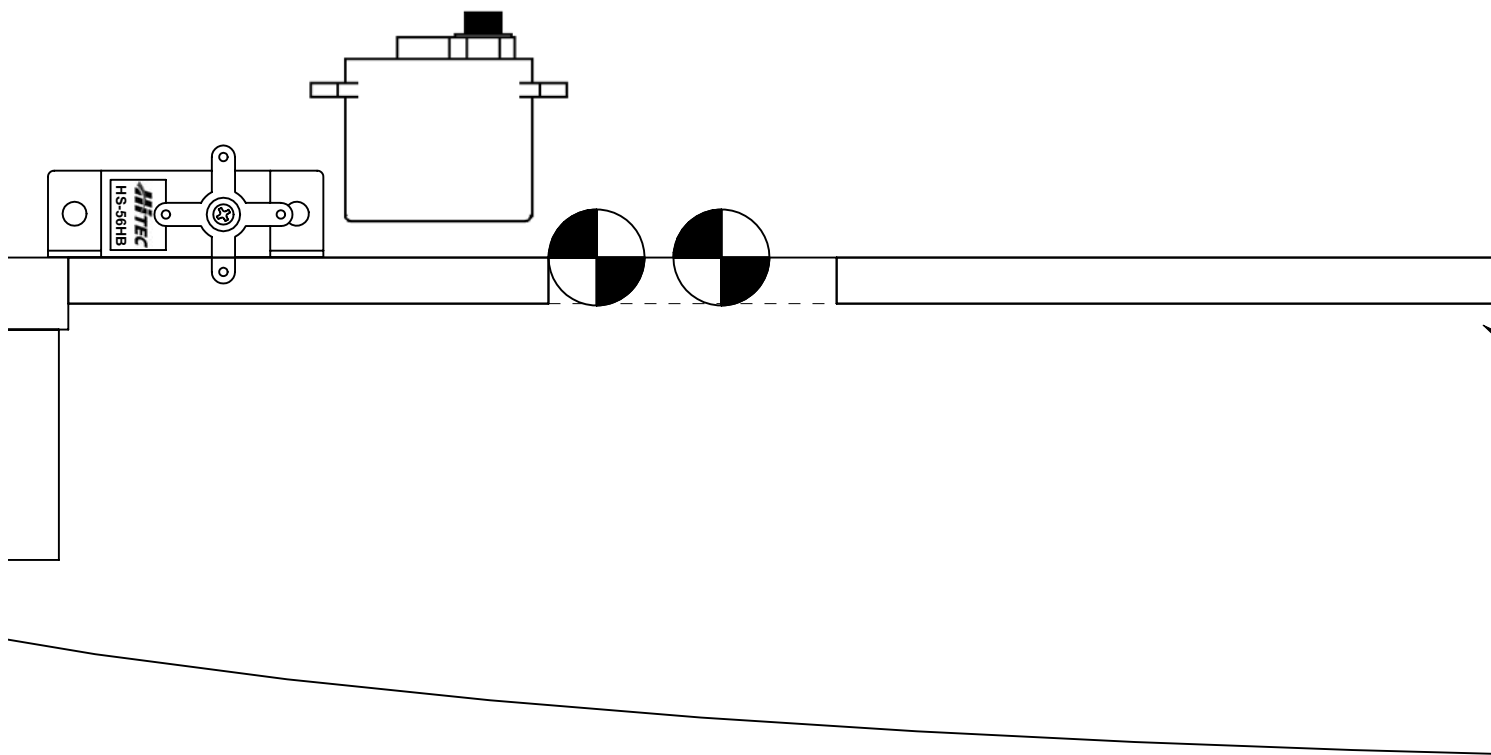
Designed and Drawn by Steve Shumate

Updated: 03/8/04.

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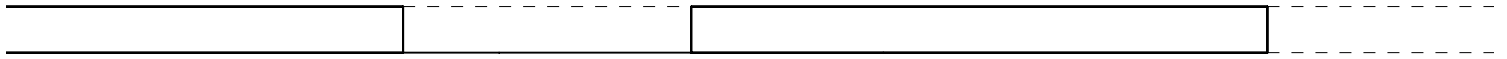




Scale in inches



Painted Canopy



Only Cut Dark Lines

