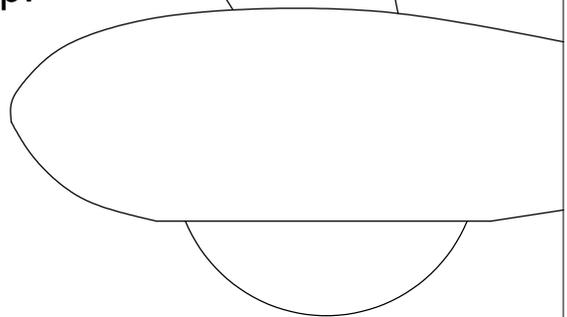
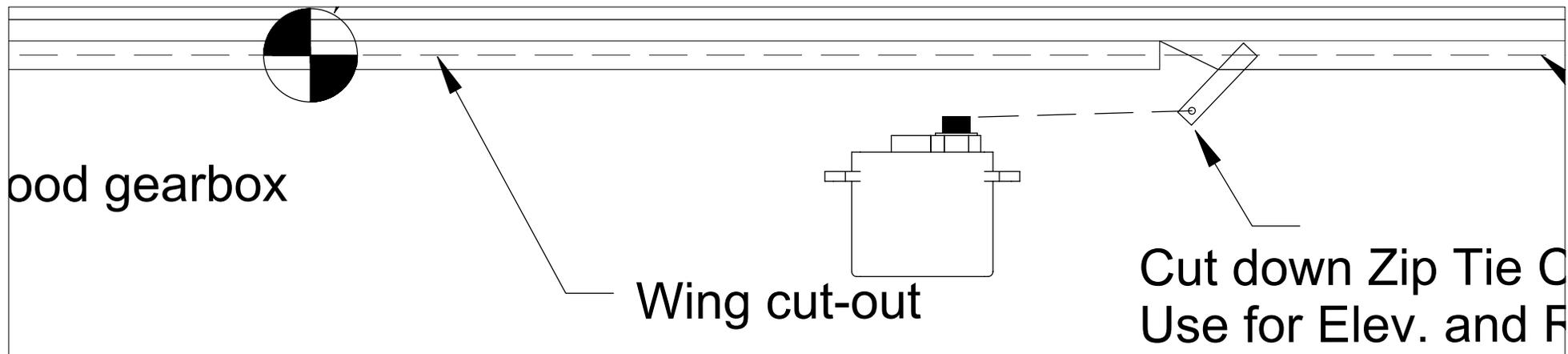


Drill 3/16" (4mm) hole in end of hardwood block to fit carbon tube. Drill hole just a bit big to allow for adjustment while mounting.

Glue motor mount block to carbon tube after tube is mounted to fuselage. Adjust block for 2-3 degrees right thrust. Make sure to use epoxy for this step.

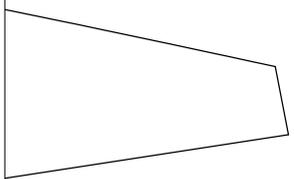
3/8" square hardwood mounting block

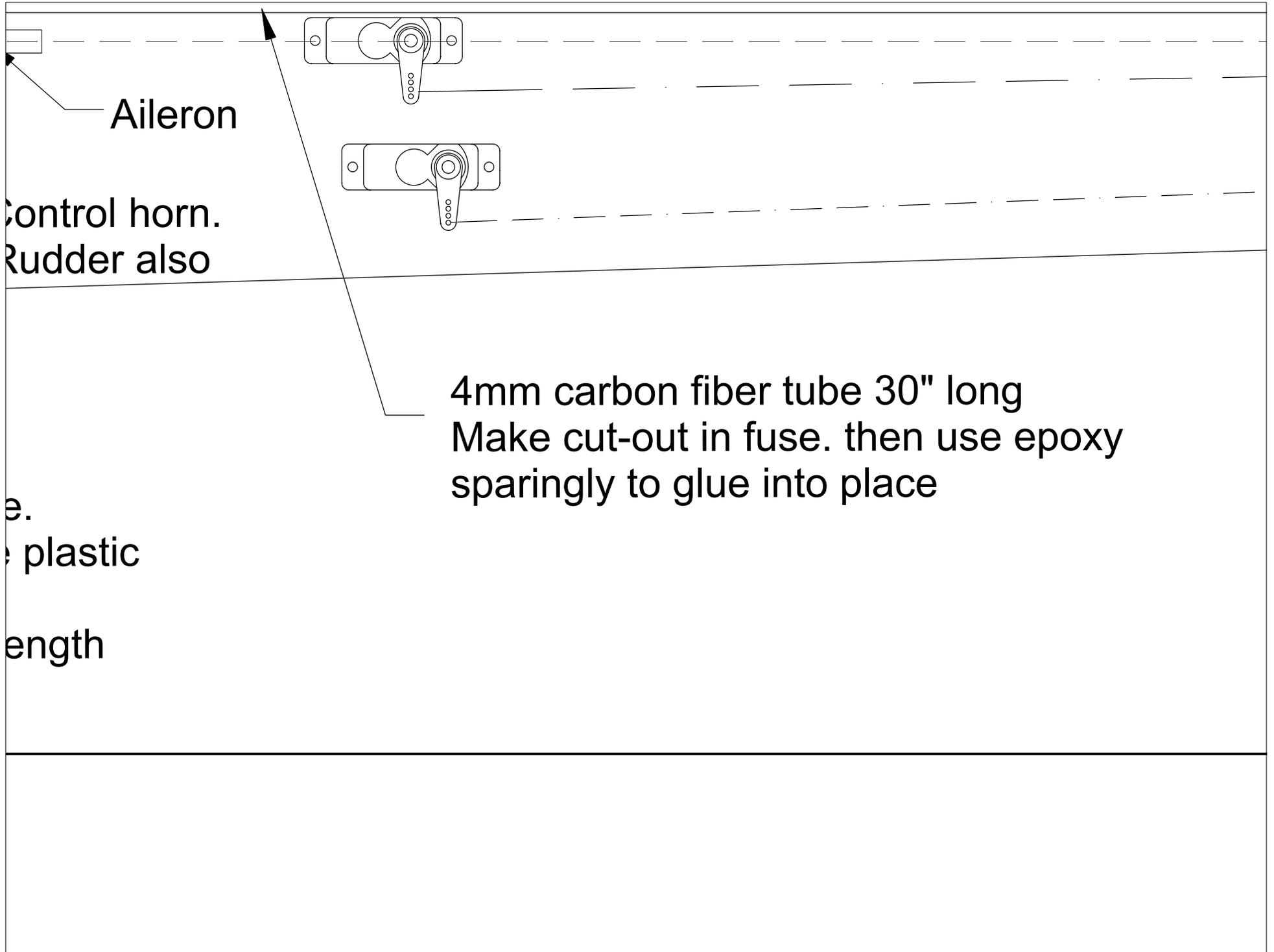




Landing gear shown for optional placement only. Prototype did not have gear.

Airframe is constructed from Dow Bluecore Also known as Fan Fold Foam. Leave the film on the foam unless otherwise noted. The film on the foam adds tremendous strength with little weight gain.



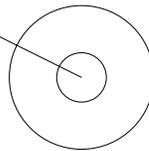




Stabilizer cut-out

Cut rudder out after fuselage is cut from foam sheet

[www.foamyfactory.com](http://www.foamyfactory.com)



Plans updated 11/18/03

## 3DX for GWS EPS 300-C

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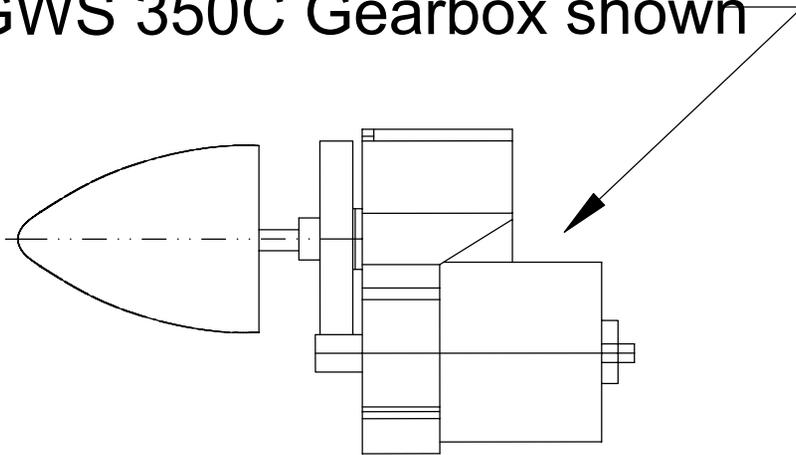
Designed and drawn by Timothy Hart

Wing Span: 37"  
Wing Area: 360sq."  
Weight: 11-13oz

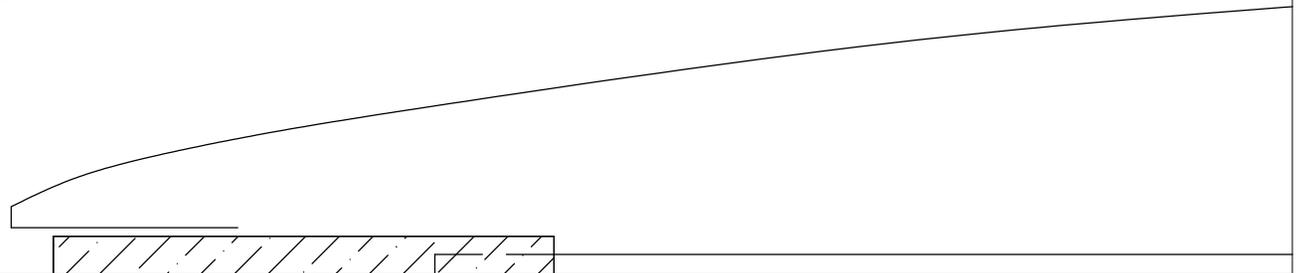
Power System Used on Prototype:  
GWS EPS300-C "D" Gearing  
GWS 12x6 Prop  
8 cell Sanyo 4/5AAA 720Nimh

6mm Depron is available at [www.depronusa.com](http://www.depronusa.com)

GWS 350C Gearbox shown

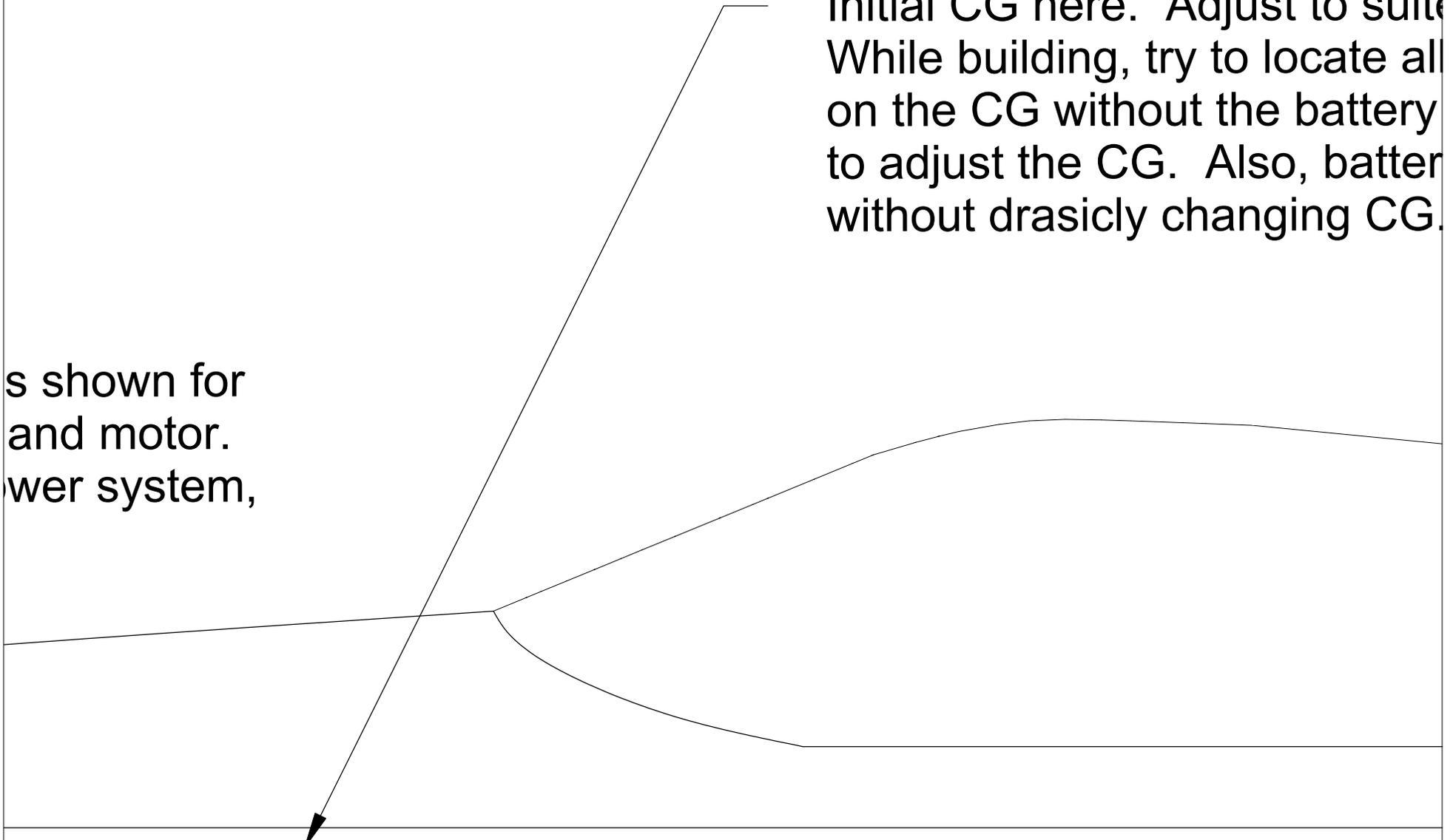


Note: Cut-out in fuselage is  
GWS EPC 300-C gearbox  
If you are using another po  
adjust cut-out as required.



s shown for  
and motor.  
wer system,

Initial CG here. Adjust to suite  
While building, try to locate all  
on the CG without the battery  
to adjust the CG. Also, batter  
without drasicly changing CG.



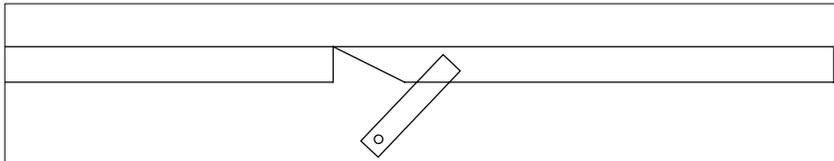
Control horn is r

e flying style and desired 3D performance.  
l radio gear so that the plane will balance  
installed. If done so, battery can be used  
ies of different types can be substituted

**\*\*Note: Servo placement shown on plans  
purposes only. Adjust servo location to ac  
without battery installed.\*\***

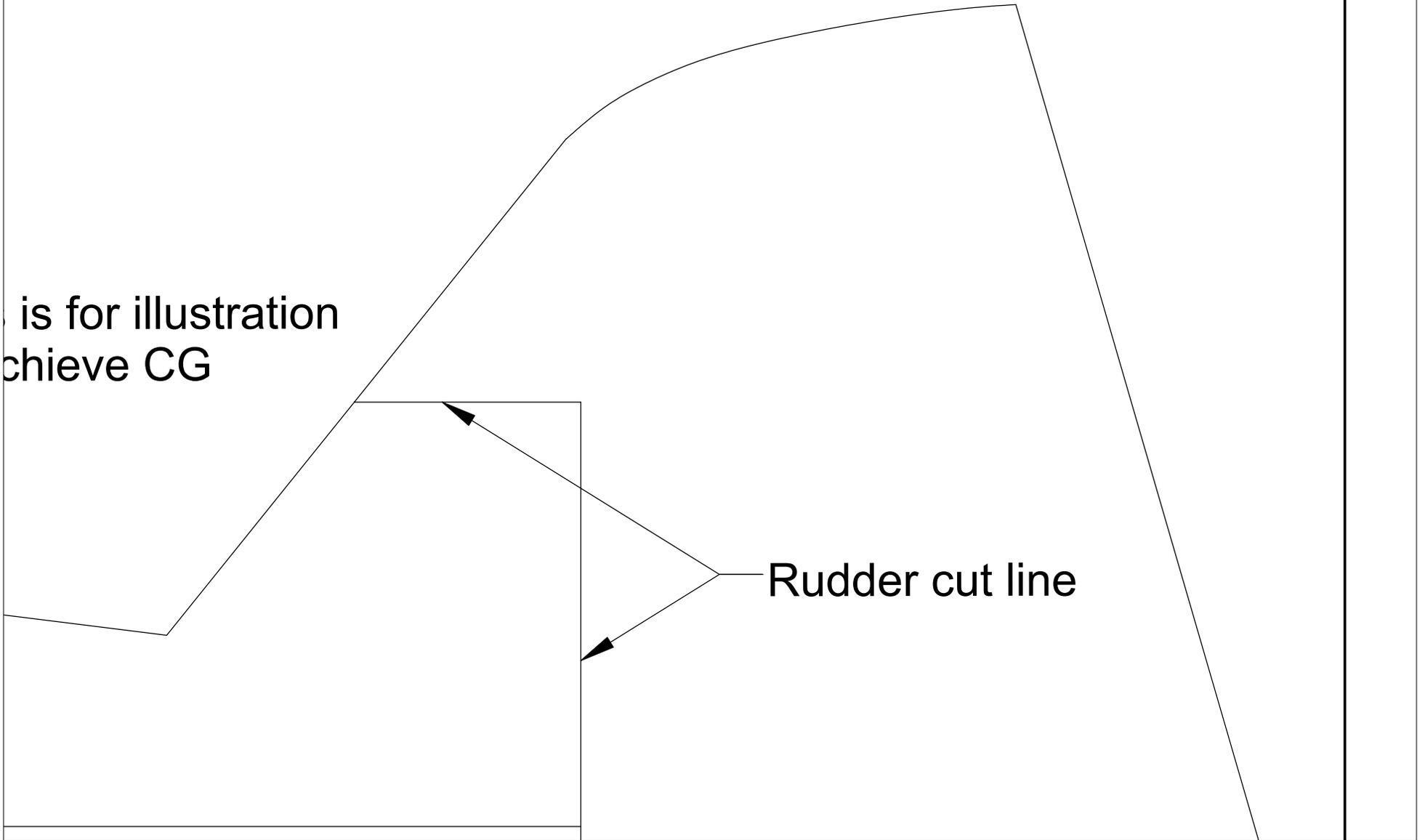


Canopy outline



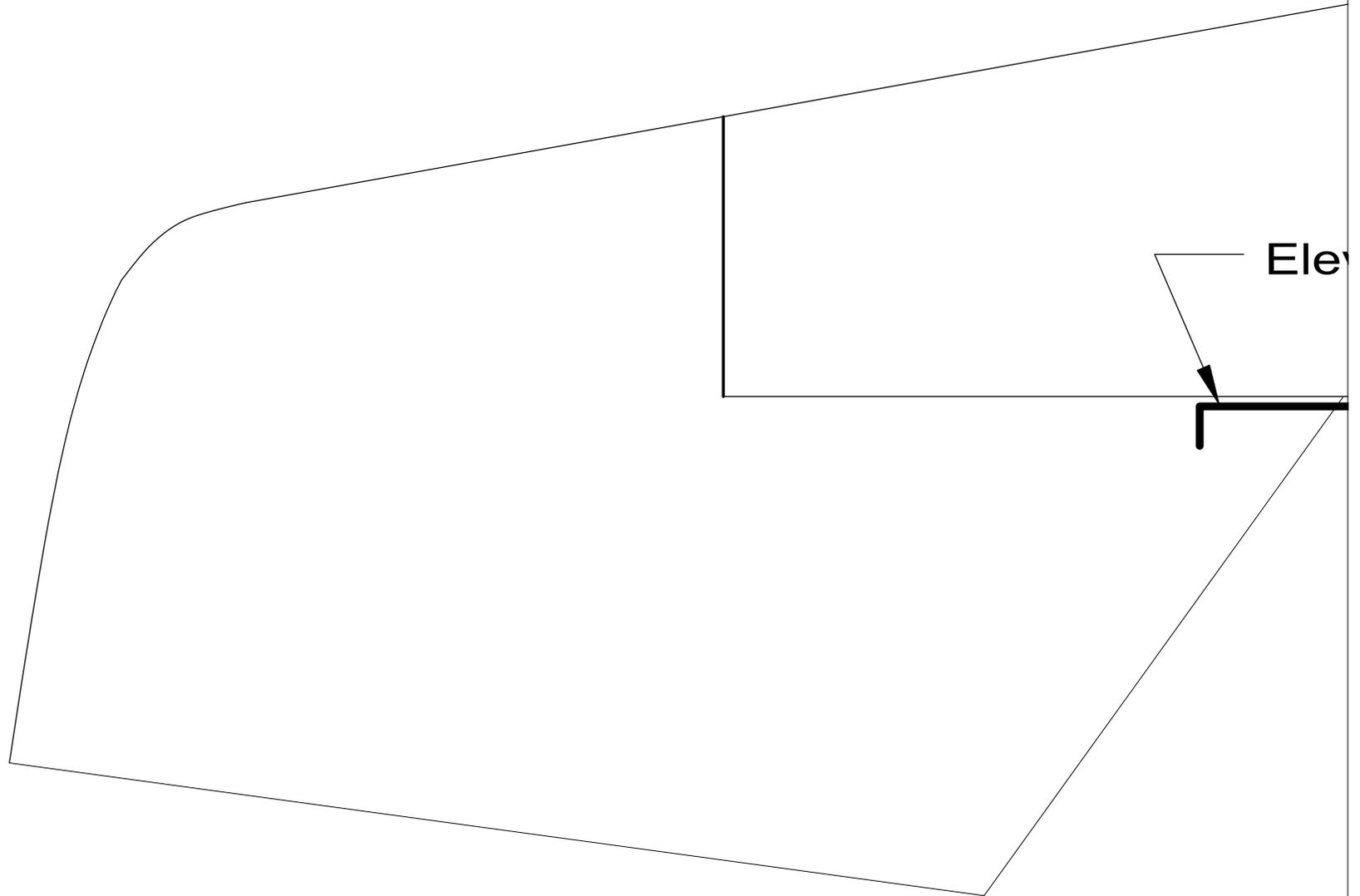
made from a cut down zip tie.

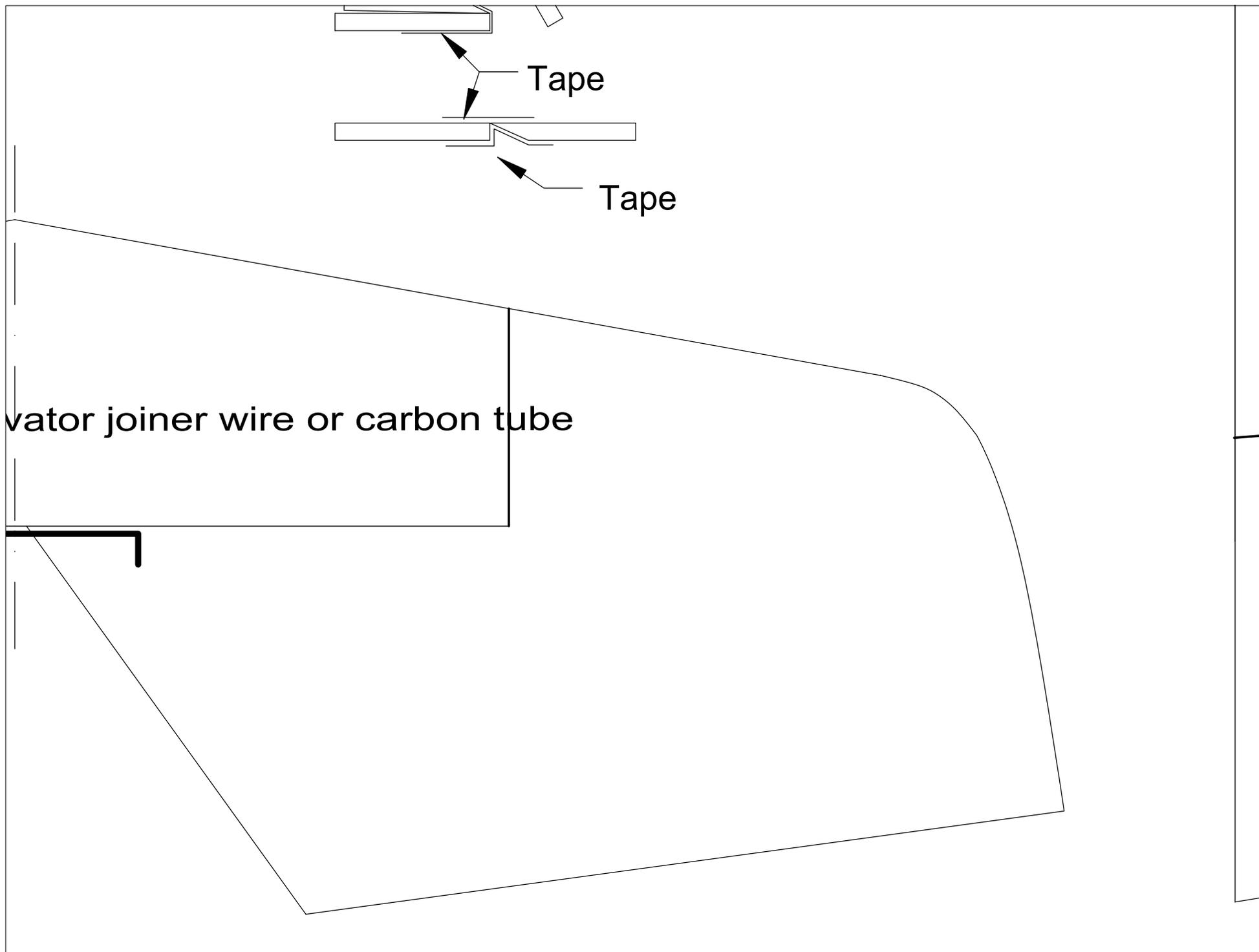
is for illustration  
achieve CG



Rudder cut line

**\*\*Copyright Notice:** These plans may be printed by commercial means (such as Kinko's, etc.) for personal use only. Plans may not be used for commercial purposes of any sort without written consent of Foamy Factory Models.





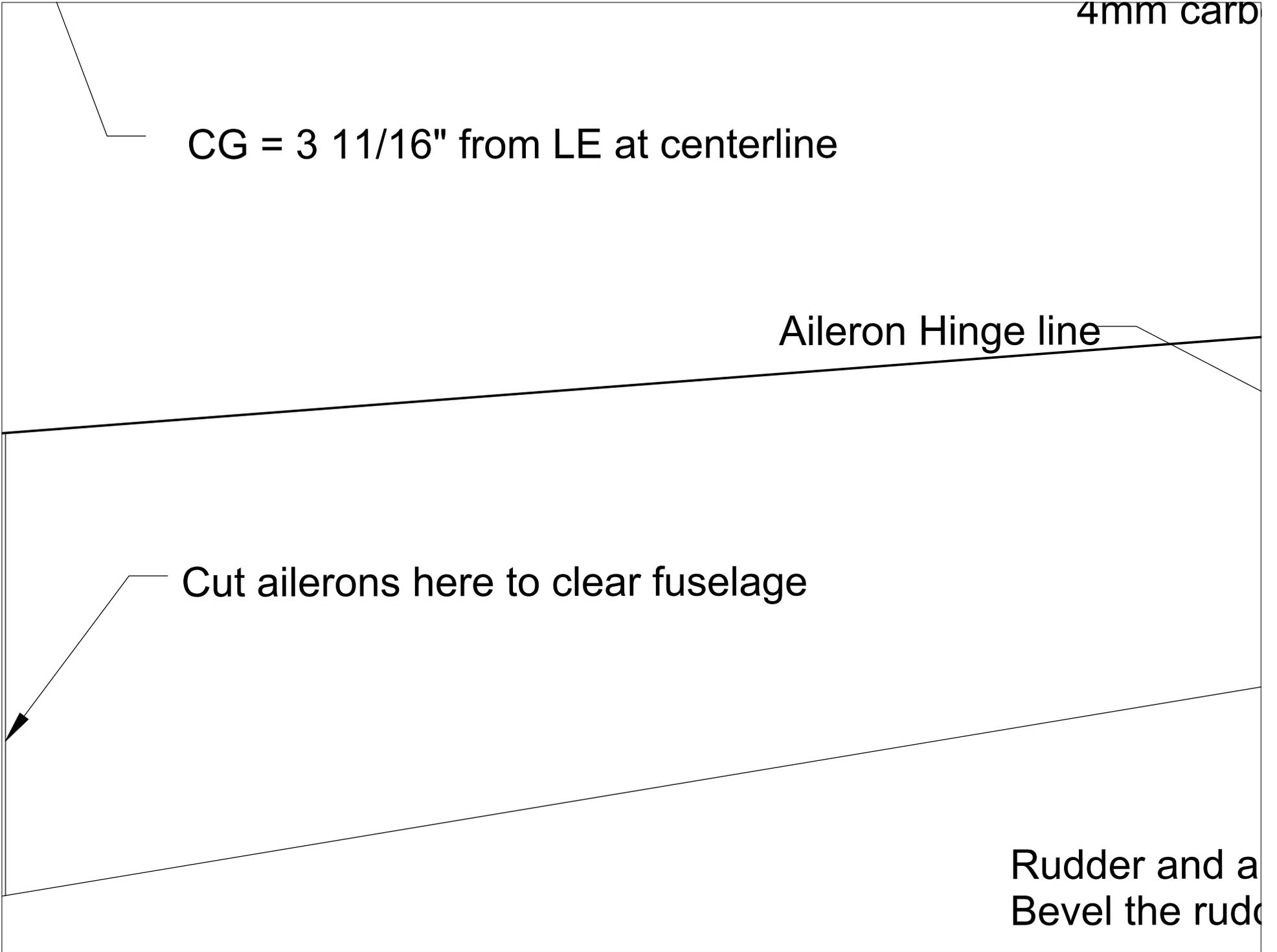
4mm carb

CG = 3 11/16" from LE at centerline

Aileron Hinge line

Cut ailerons here to clear fuselage

Rudder and a  
Bevel the rudd



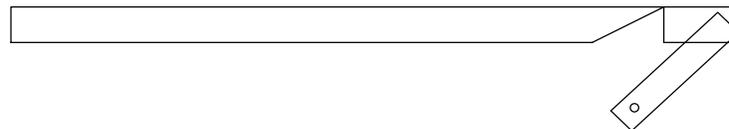
on fiber tube located at CG.



aileron hinge detail.  
order and use tape hinges.

**Alternate Power:**  
**Razor RZ350 with the GWS EPS300C D**  
**3S 1200mh E-Tec LiPoly cells**  
**Power with this set-up is incredible!**

Note: For the elevator hinge, bevel the horizon  
stabilizer, not the elevator. This allows easy hi  
to clear the joiner wire.

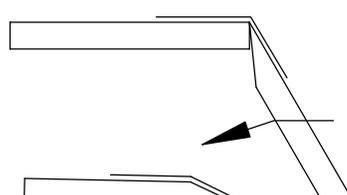


# OS Gearbox

ntal  
nging

Tape hinges are used to save weight. Use clear packing tape for hinges

1. Apply a piece of tape to the top of the control surface first.
2. Make sure full deflection is used when lining up both surfaces.
3. Smooth down tape.
4. Now, fold control surface upward all the way as shown.
5. Apply tape to bottom surface and smooth down.
6. Check for freedom of movement.
7. You are done. Easy huh?

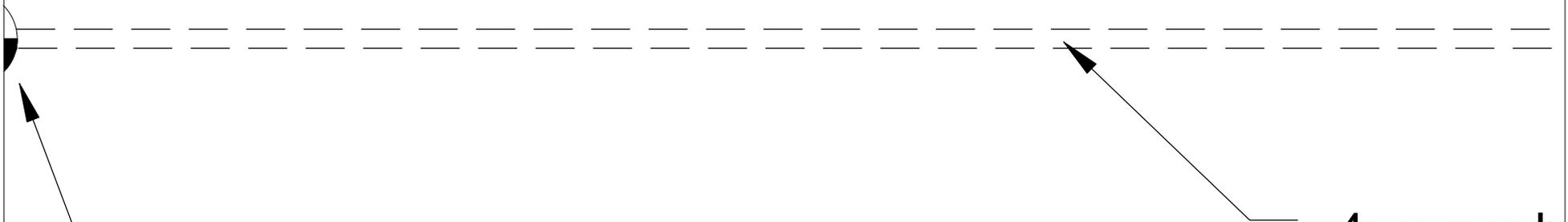


Tape



Note: Construction material  
6mm Depron can be substituted

Note: Cut entire wing from one piece of foam.  
Draw a centerline on the foam, lay one side of  
wing template down on the foam, trace, then flip it  
over along the centerline and trace. Cut out ailerons  
after entire wing is cut out.



Material used is Dow Bluecore, AKA fan fold foam.  
Substituted.

# Wing Pattern



Sheet to be heated at 200