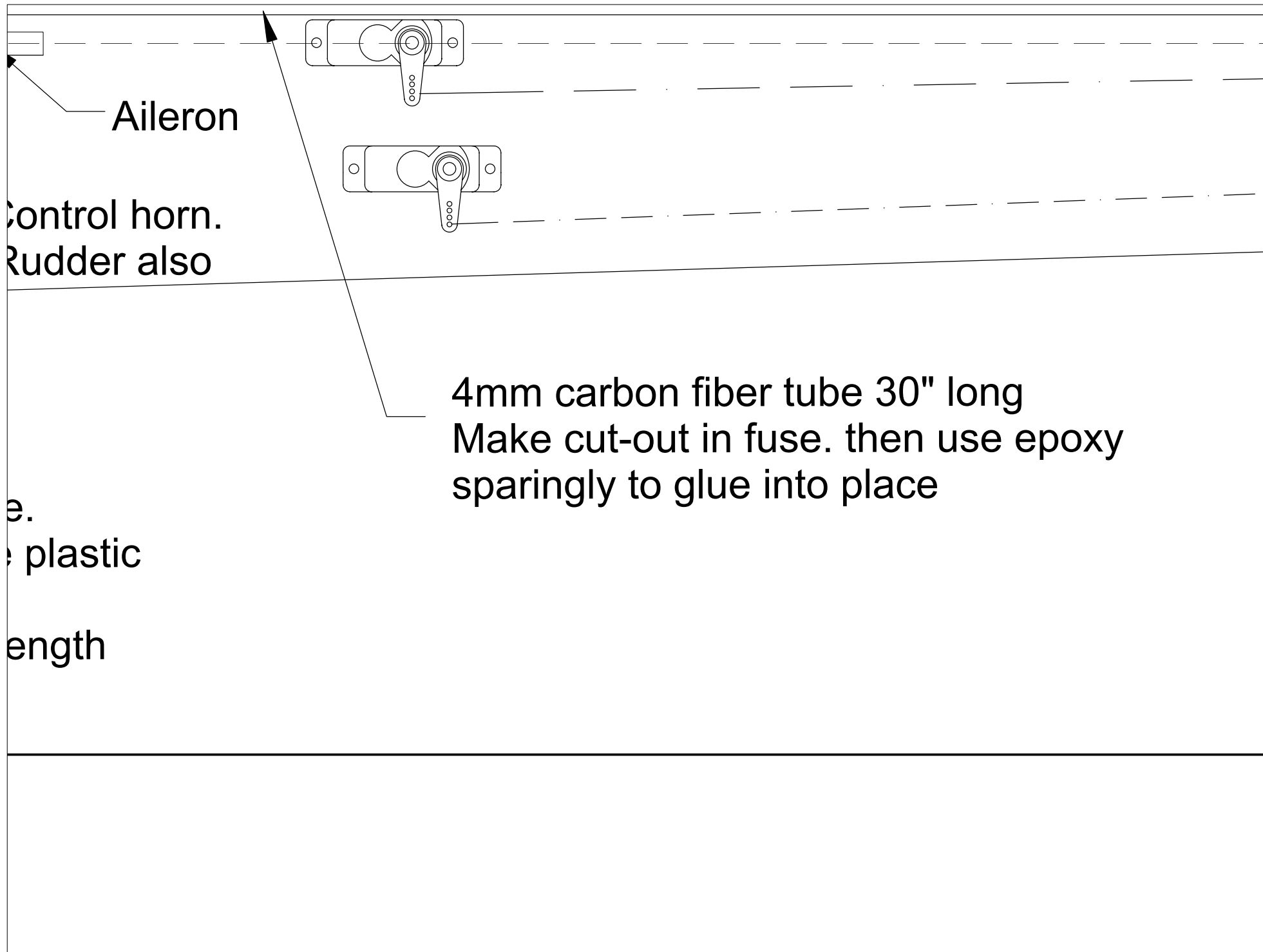
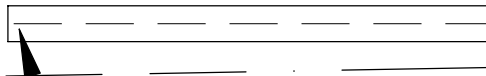


Landing gear shown for optional placement only. Prototype did not have gear.

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.

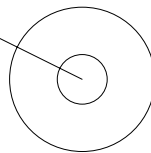




Stabilizer cut-out

Cut rudder out after fuselage
is cut from foam sheet

www.foamyfactory.com



Plans updated 11/18/03

3DX for GWS EPS 300-C

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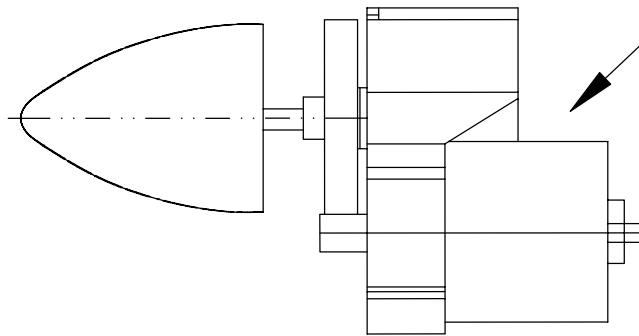
Designed and drawn by Timothy Hart

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

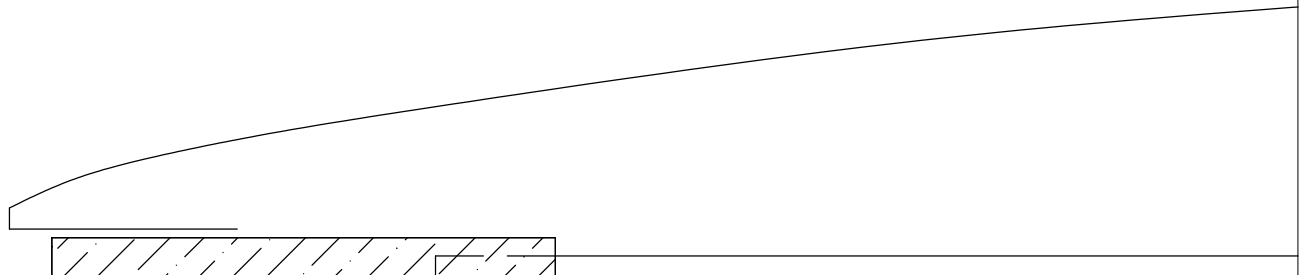
Power System Used on Prototype:
GWS EPS300-C "D" Gearing
GWS 12x6 Prop
8 cell Sanyo 4/5AAA 720Nimh

6mm Depron is available at www.depronusa.com

GWS 350C Gearbox shown

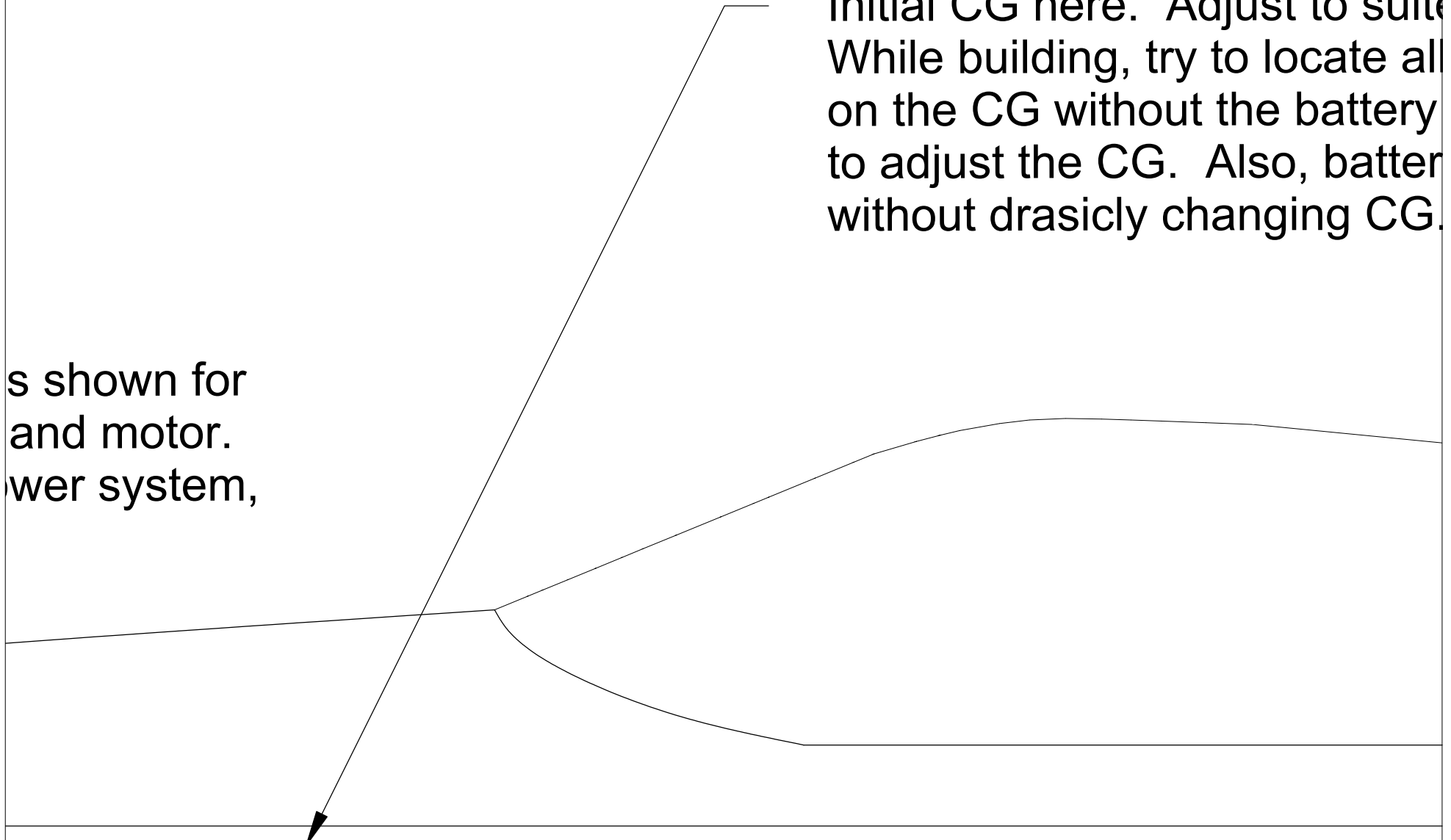


Note: Cut-out in fuselage is
GWS EPC 300-C gearbox
If you are using another po
adjust cut-out as required.



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.



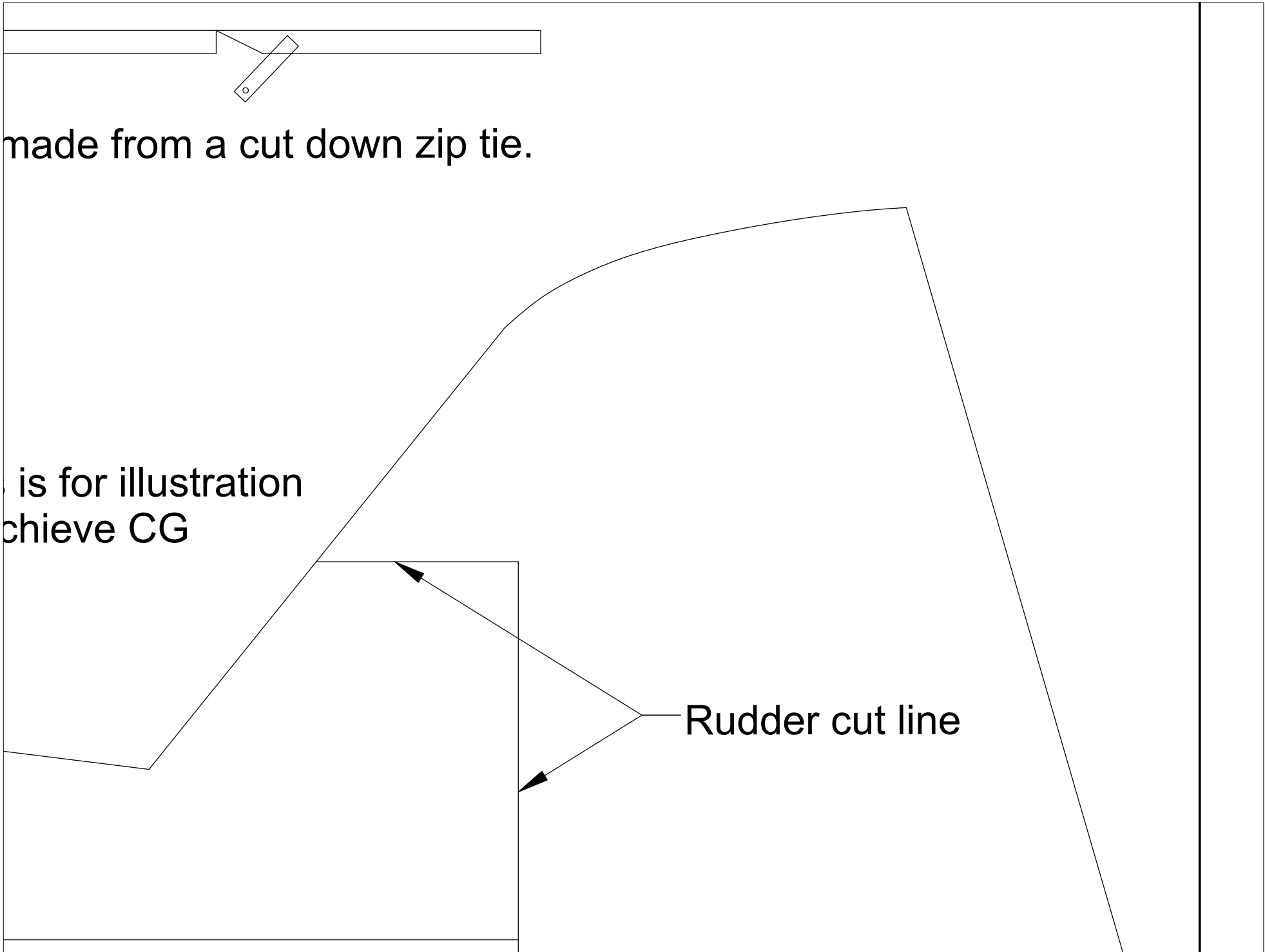
Control horn is r

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

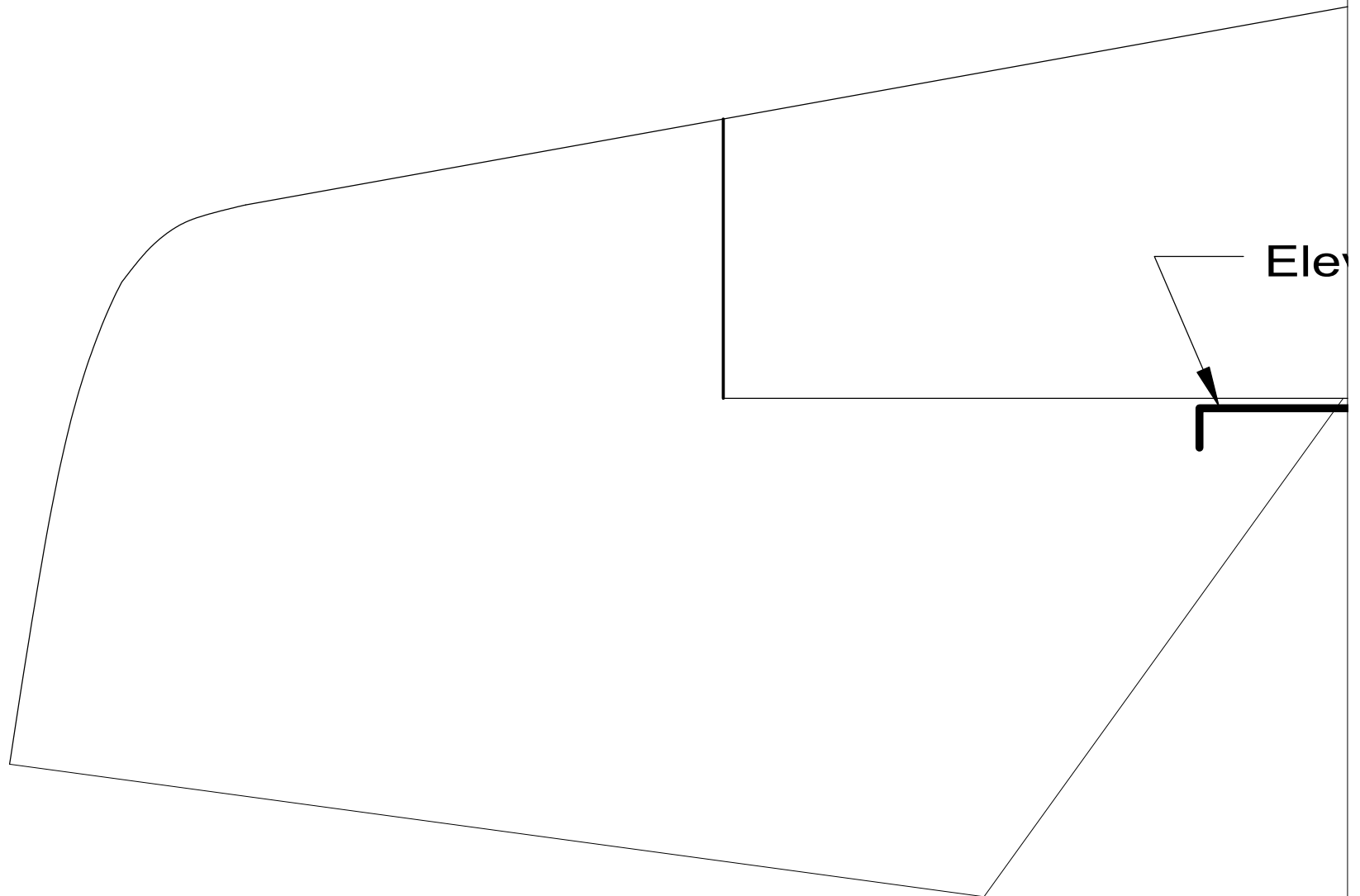


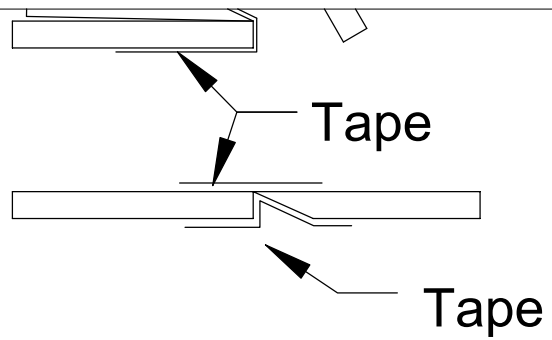
made from a cut down zip tie.

is for illustration
chieve CG

Rudder cut line

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vator joiner wire or carbon tube



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

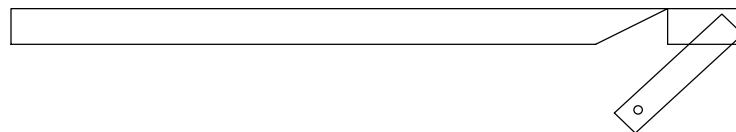
on fiber tube located at CG.



ileron hinge detail.
der 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.

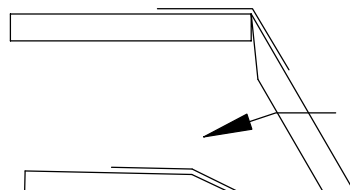


DS Gearbox

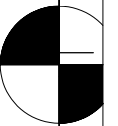
ntal
nging

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?

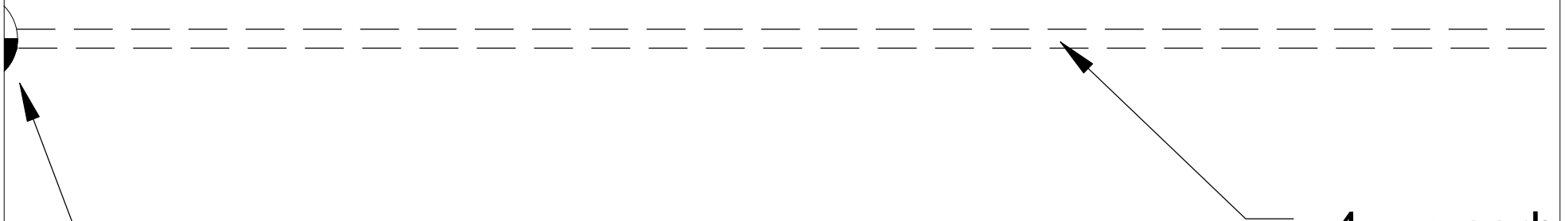


Tape



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 is heated at 200