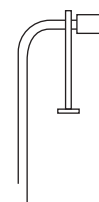


Control Horn D

.032 wire cont



Use Du-Bro M
OR
Strip plastic
from small g
and CA to en
control rods



Fabricate contro
from spare micr
control arms or
Zip-Ties.

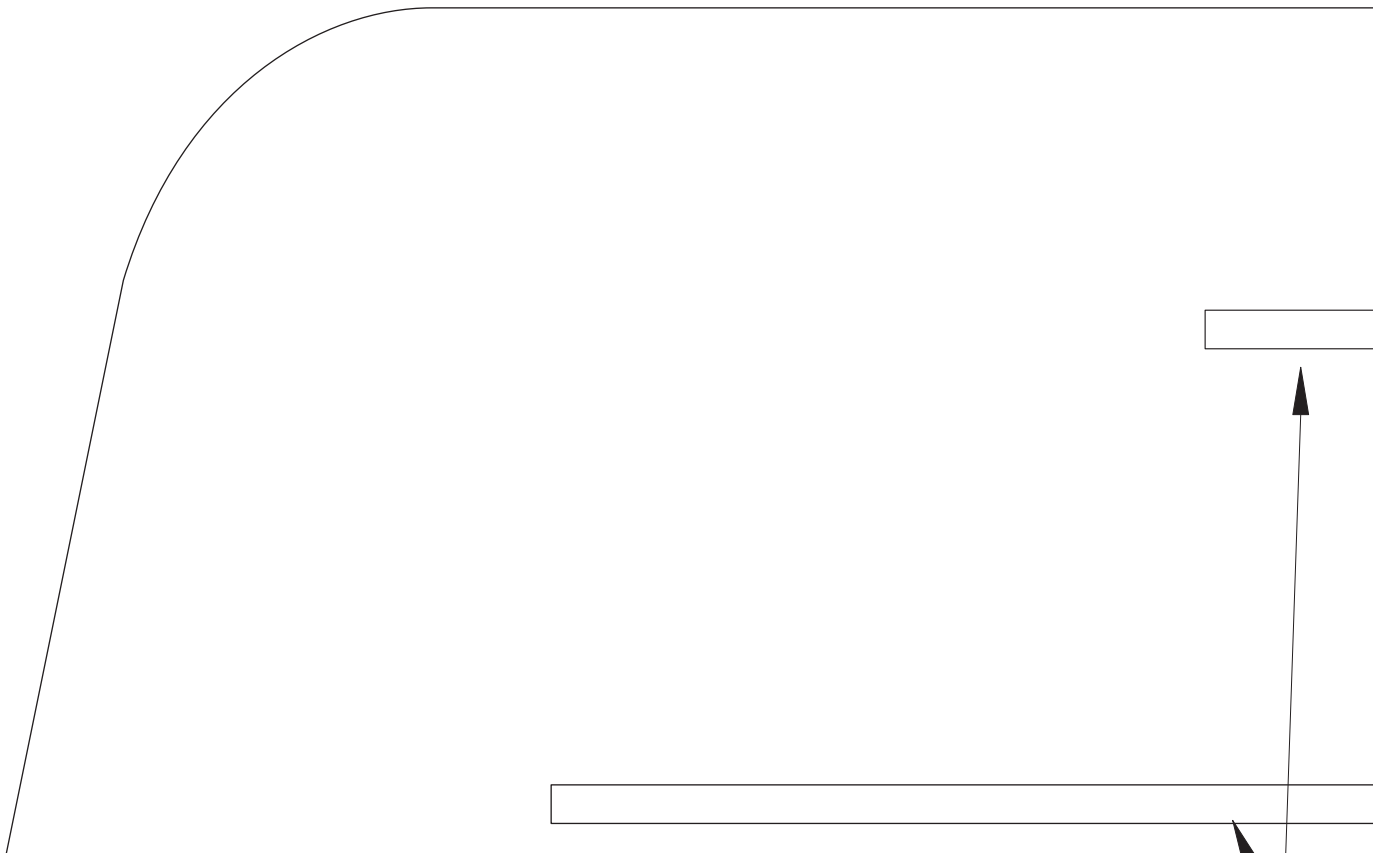
etail

ontrol rods

Micro E/Z Links

cover
auge wire
ds of

ol horns
o servo
nylon



FOAMe-3D Park Flyer Designed

d by Steven Gibson

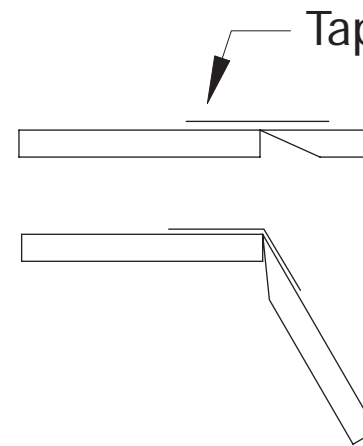
Wing cut from one piece of Depron foam

FOAMe

3D



Hinge Detail

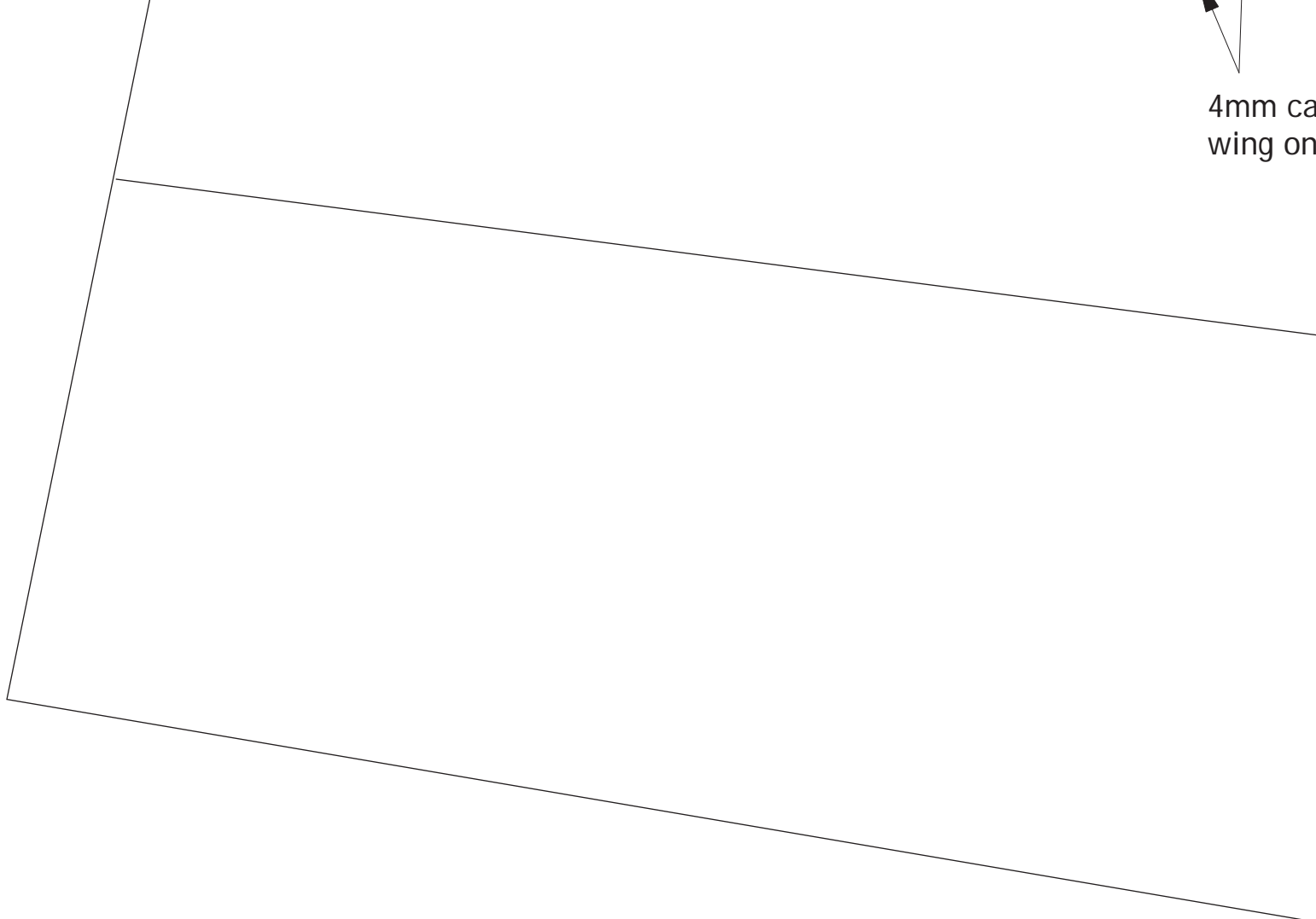
Use 1" wide clear packing tape for hinges. Clean all surfaces with rubbing alcohol before taping.





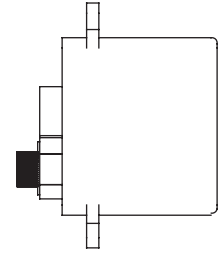
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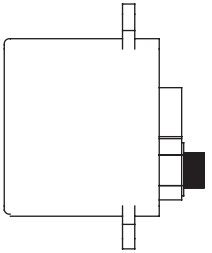
g
l parts with
aping.
be



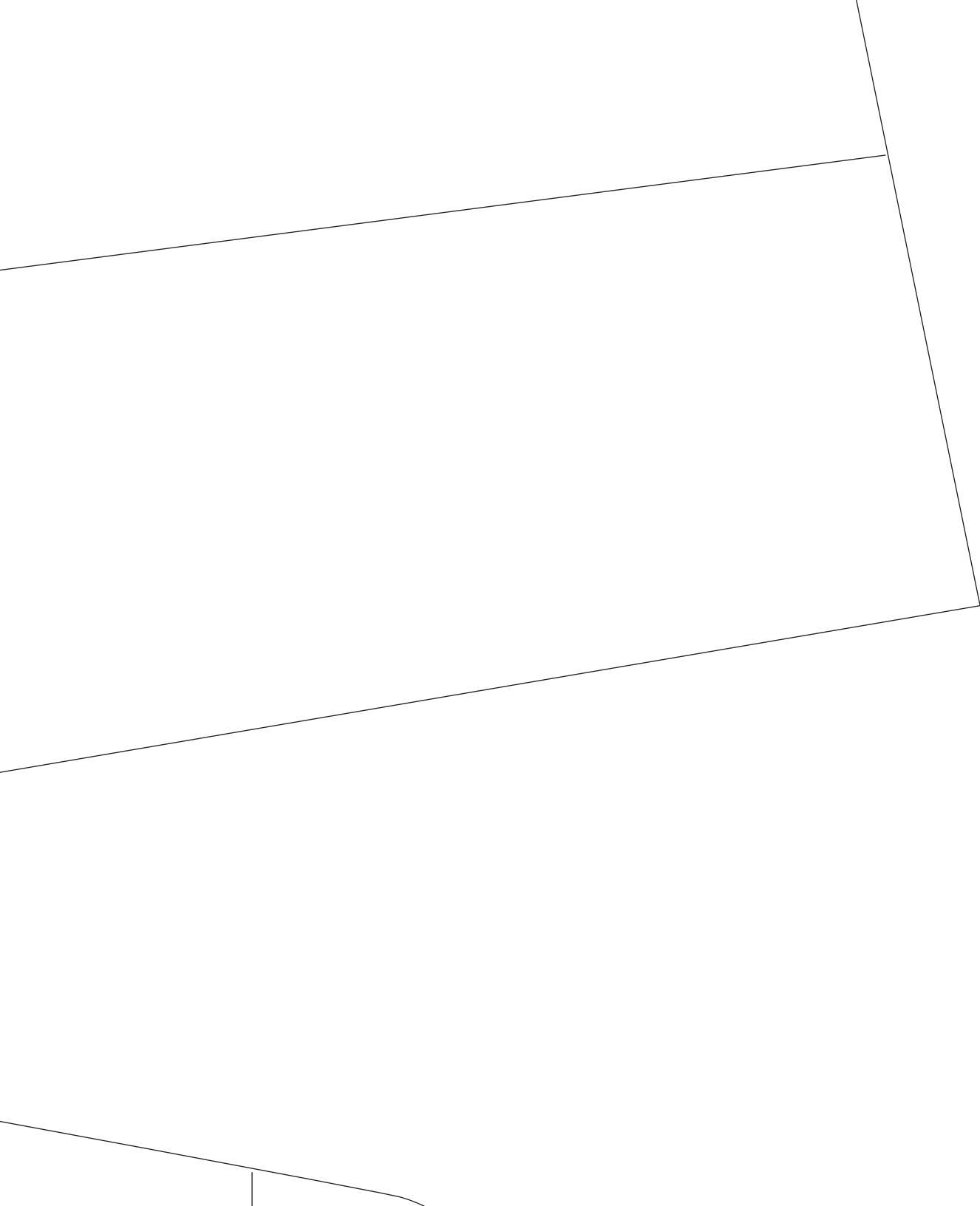


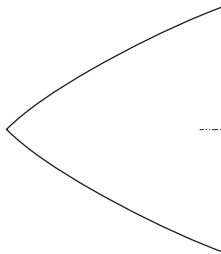

4mm ca
wing on

Carbon fiber tube. Cut a channel (per plan) on the bottom of the
ply and CA or use RC Z 56.



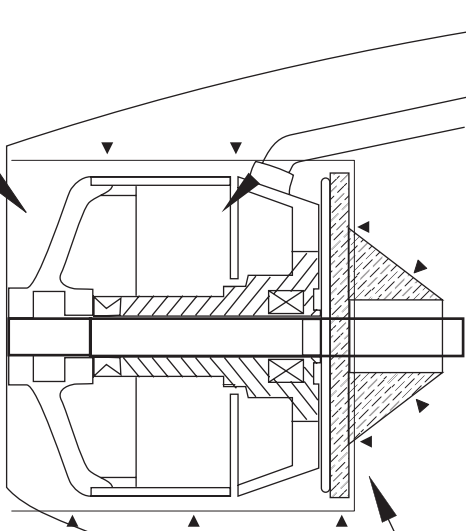






Alternative AXI Brushless Motor setup

AXI 2212/34 External Rotor Brushless



1/8" light plywood radial mount, reinforced with Depron triangle stock on all 4 sides

- Wing Span..... 37"
- Lienth..... 37.5"
- Weight..... 12-13oz
- Power..... GWS EPS350C
- Max 3D Power... Brushless motor to GWS EPS350D
- Prop..... GWS 11x4 -- 12x4
- Ch..... 5
- Battery..... 2-3 Cell-700 to 1



Lighty coat back of plan parts with Spray Adhesive, apply each part to Depron. Carefully cut each part out using a strightedge and #11 Xacto.



Dry fit

fit
gearbox
4

200mAh-Li-Poly

m

Rx and Servos

- * GWS R-6NII 5ch receiver or Hitec Electron 6 FM
- * 4 Waypoint W-084 Micro Servos
or Hitec HS 55

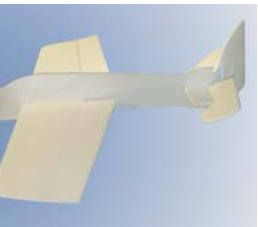
Brushed Motor (Good performance)

- * GWS EPS350C "DS" Gearing Motor
- * GWS ICS-300 Speed Controller
- * Prop GWS 12x6 Slow Flyer
- * 3 Cell 800-1200mAh-11.1v Li-Poly Battery

Brushless Motor

- * AXI 2212/34 outrunner (Max performance)
- * Phoenix 25amp speed controller
- * 3 Cell 700-1200mAh-11.1v Li-Poly Battery
- * APC 12x3.8 electric slow flyer
OR...
- * HiMaxx 5100 or 5400 (Max performance)
w/GWS 350C "DS" gearbox
- * Phoenix 25amp speed controller
- * 3 Cell 700-1200mAh-11.1v Li-Poly Battery
- * APC 12x3.8 electric slow flyer

- * Depron 6mm White (www.depronusa.com)
- * 30" 4mm & 2mm wrapped carbon fiber tube
- * Medium or Thick foam friendly CA
- * Foam friendly CA accelerator
- * JZ Products Super RC "Z" 56 glue
- * 1" Self-sticking Hook & Loop (Velcro) tape
- * Clear packing tape
- * 4 Du-Bro Micro Control Horns No. 848
- * 4 Du-Bro Micro E/Z Links No. 849
- * 1" wide self-sticking hook & Loop (Velcro)
- * .032 wire control arms
- * 1/2" Nylon Filament Strapping (3M brand)
- * Zagi tape for trim scheme (optional)
- * Straight edge razorblades
- * No. 11 Xacto knife
- * Metal yardstick
- * 3M Photomount Spray Adhesive
(for plan transfer to Depron)



assembly--check alignment

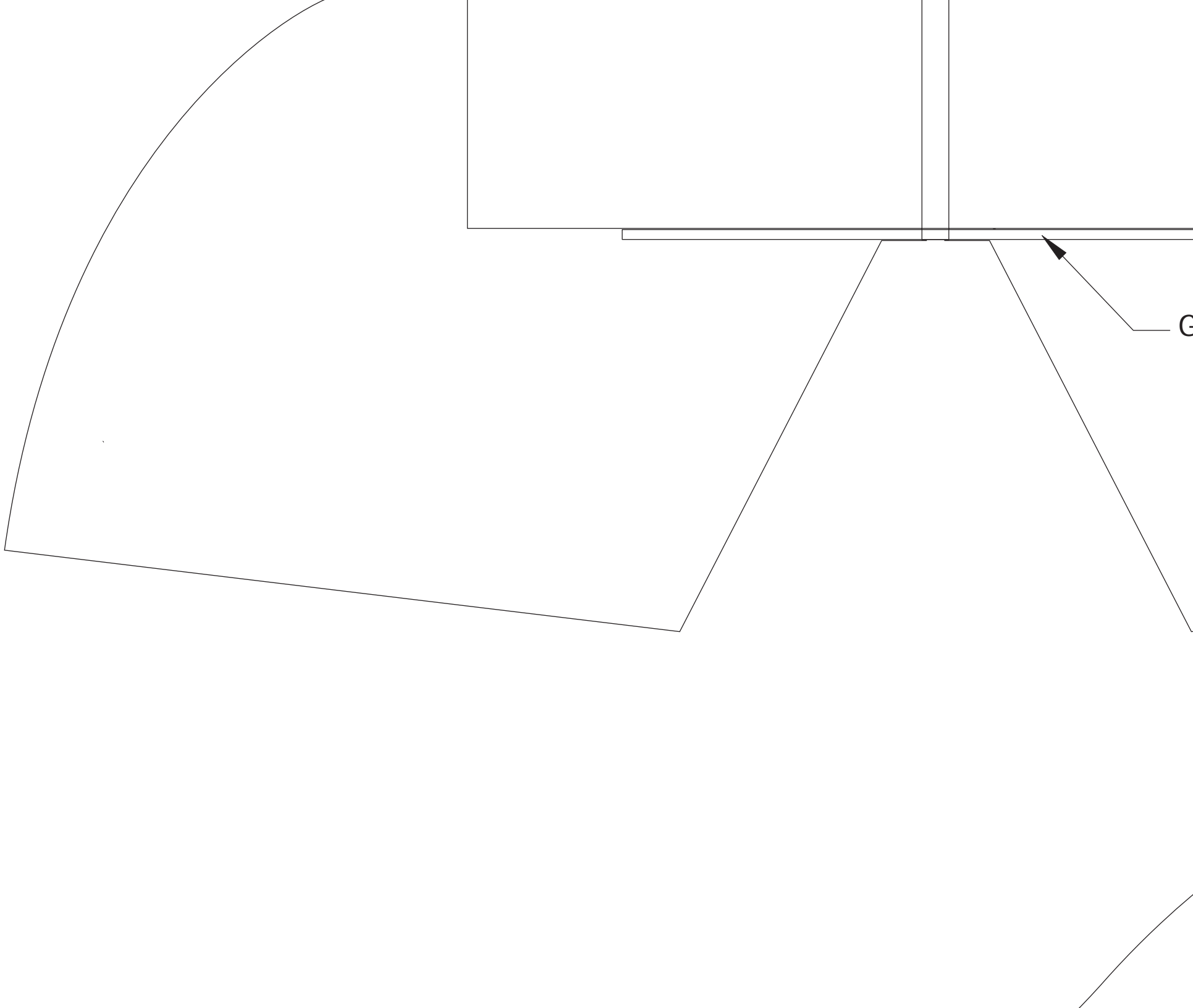


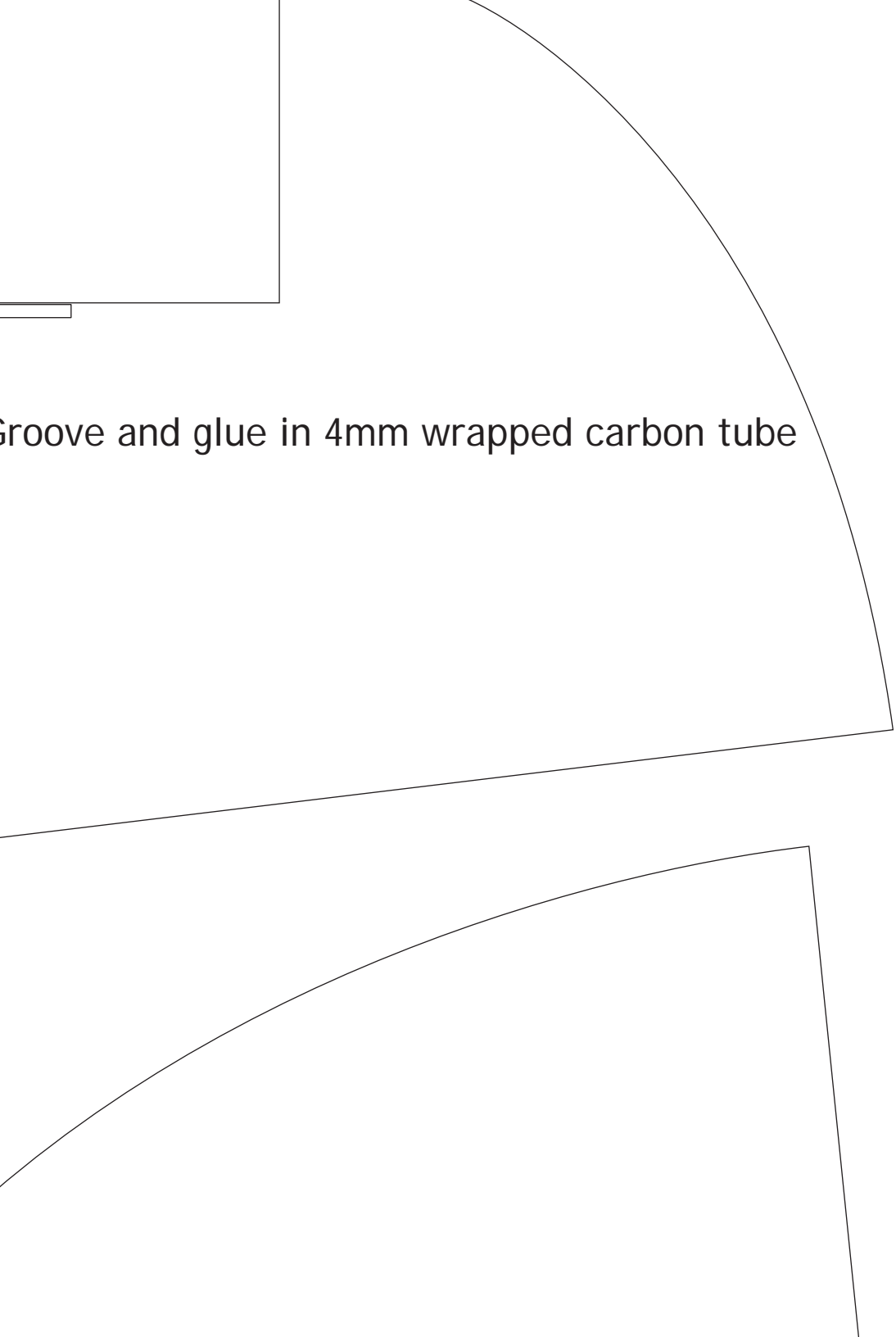
A Rotary Tool Cutting Adapter is perfect for clean easy to make grooves for Fiber Carbon rod stiffeners.



Colored Zagi tape works great for trim. It's best to trim each part before assembly.



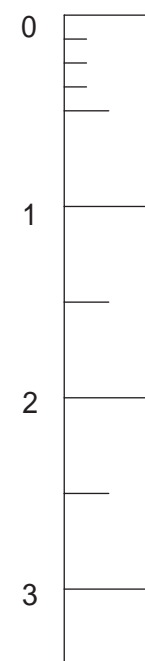




Groove and glue in 4mm wrapped carbon tube

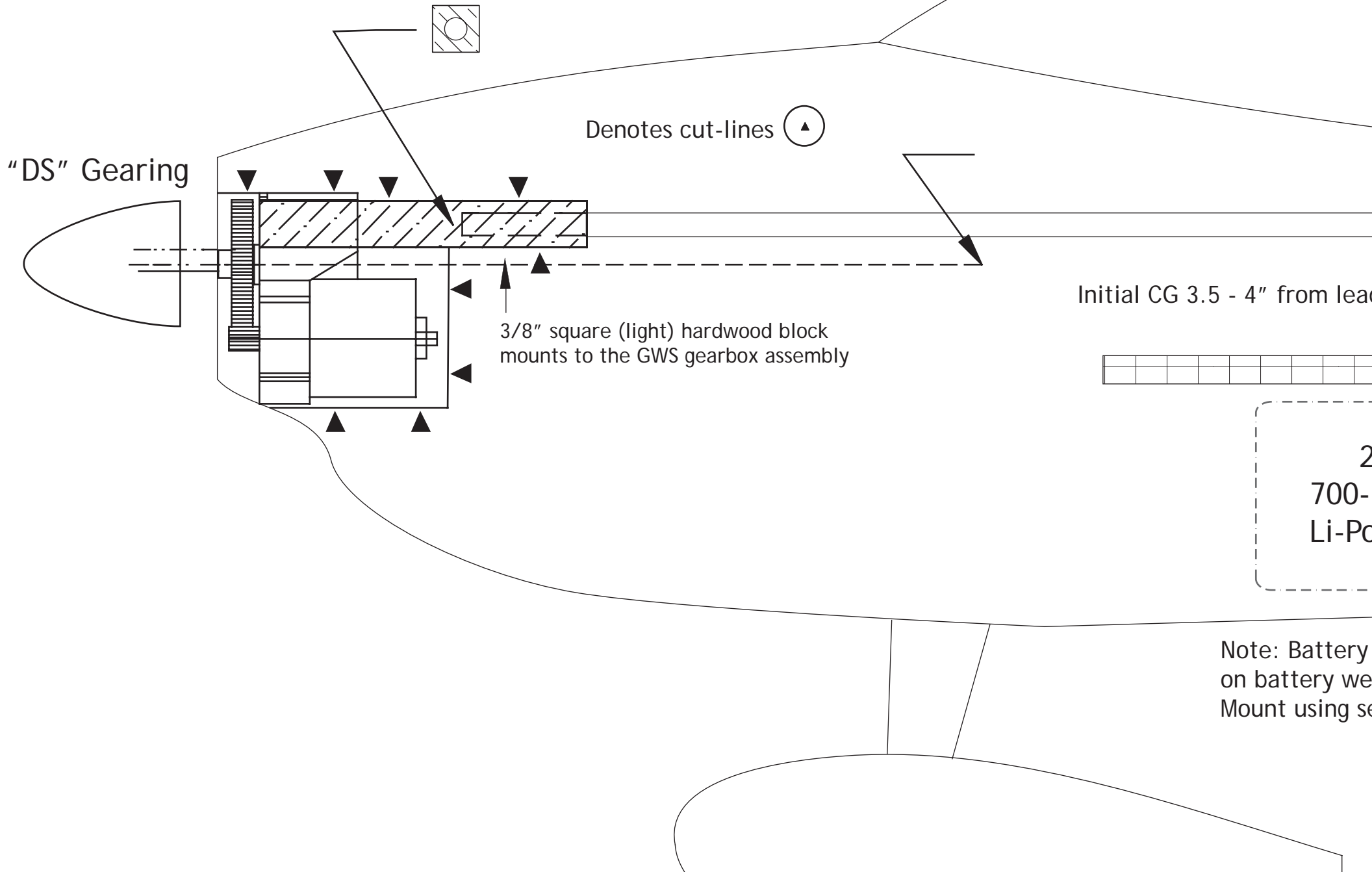
The image shows a technical drawing of a 4mm wrapped carbon tube. The drawing is a partial view, showing the left side of the tube. A groove is cut into the outer surface of the tube, and a layer of glue is applied to the inner surface of this groove. The drawing is composed of several lines: a curved line representing the outer profile of the tube, a straight line representing the inner profile, and a small rectangular feature on the left side. The text 'Groove and glue in 4mm wrapped carbon tube' is positioned to the right of the drawing, describing the components shown.

GWS EPS350C



Inch Scale reference,
check after printing.

Drill 3/16 (4mm) hole in back end of hardwood block.
Make sure hole is slightly big to allow for adjustment
while fitting and gluing. Use epoxy for this step.



Denotes cut-lines



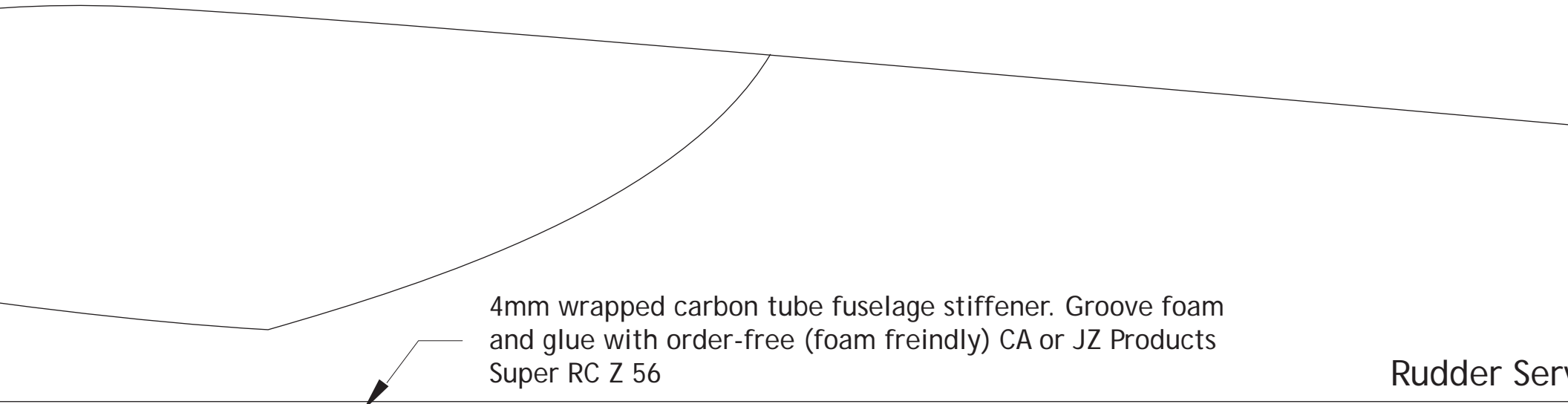
"DS" Gearing


Initial CG 3.5 - 4" from lead

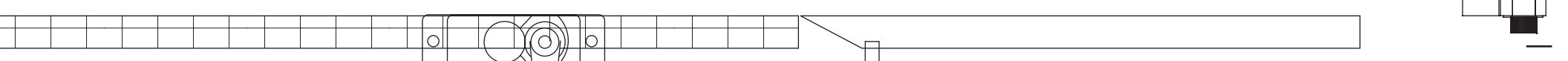
3/8" square (light) hardwood block
mounts to the GWS gearbox assembly

2
700-
Li-Po

Note: Battery
on battery we
Mount using se



Leading edge root 



2-3 Cell
1200 mAh
Poly Battery

Aileron Servo

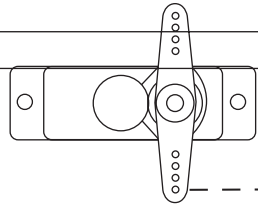
Note: Mount speed controller as close to motor as possible.

Rudder Servo

Location is approximate. Adjust accordingly based on weight, dimensions and desired flight characteristics. Use self-sticking hook and loop (Velcro) tape.

VO

Elevator Servo



.032 Wire Pushrod

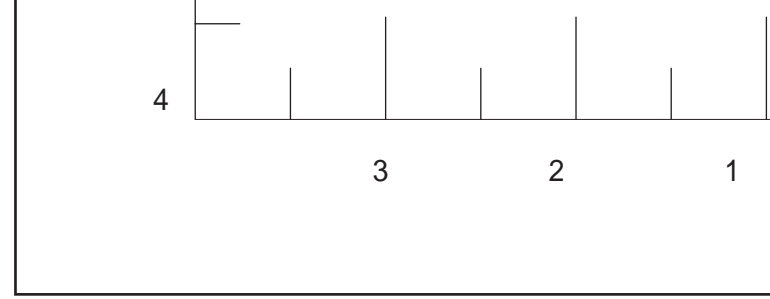


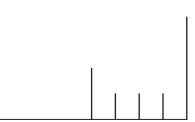
Pull-Pull rudder set-up. Use Du-Bro EZ connectors and heavy button tread or fishing line

3D
Batix.com

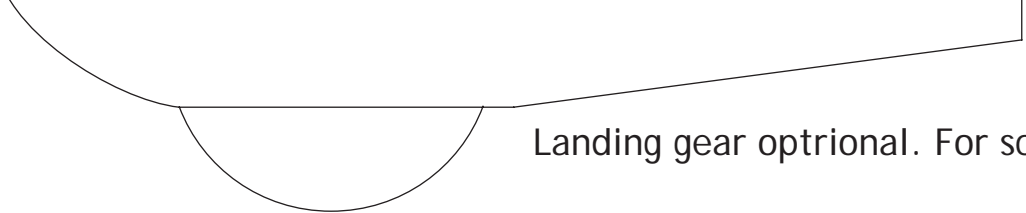
Control Horns (Du-Bro Micro)







0



Landing gear optional. For scale

e appearance only.

All airframe parts and control surfaces are cut from 60

mm Deporn Foam



