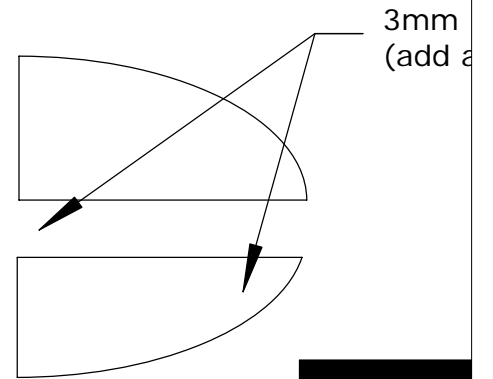
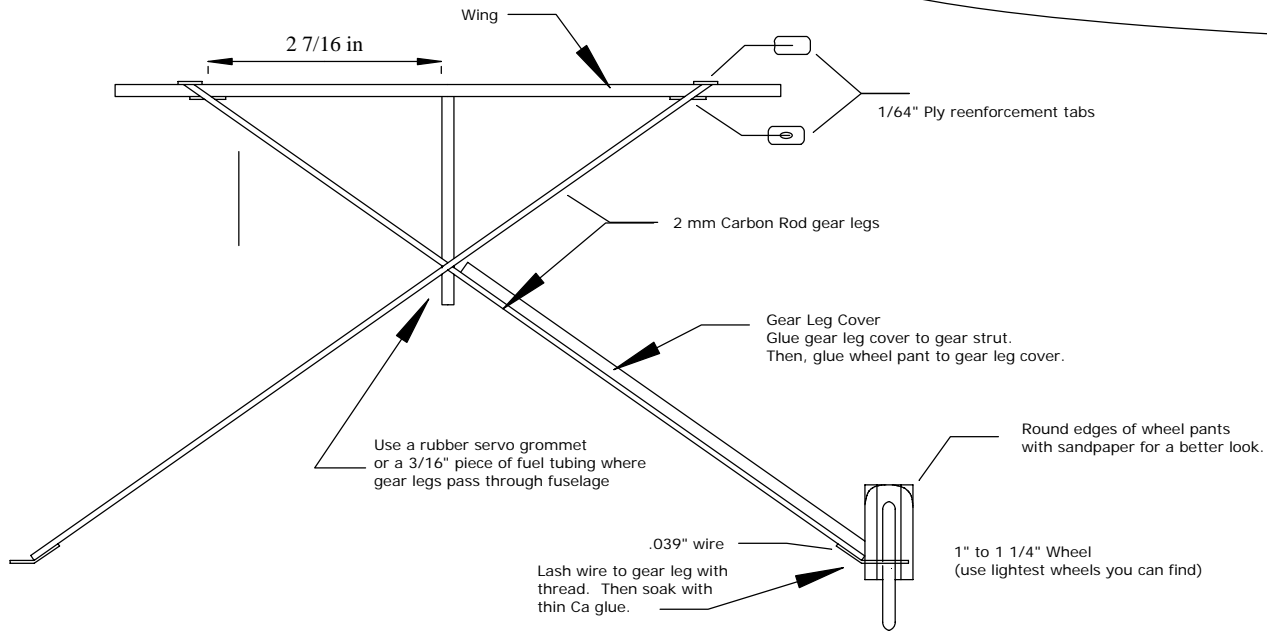
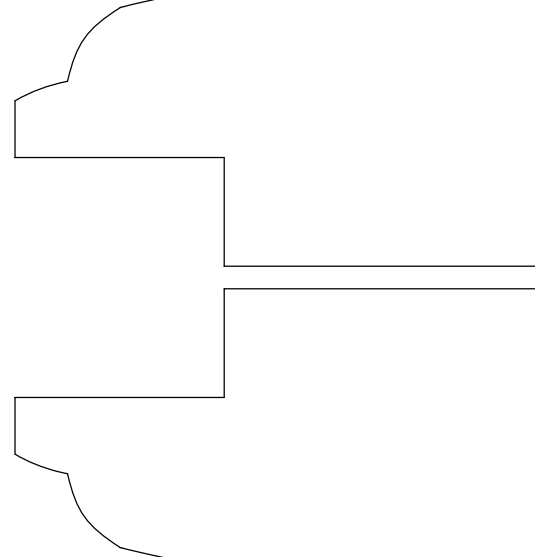
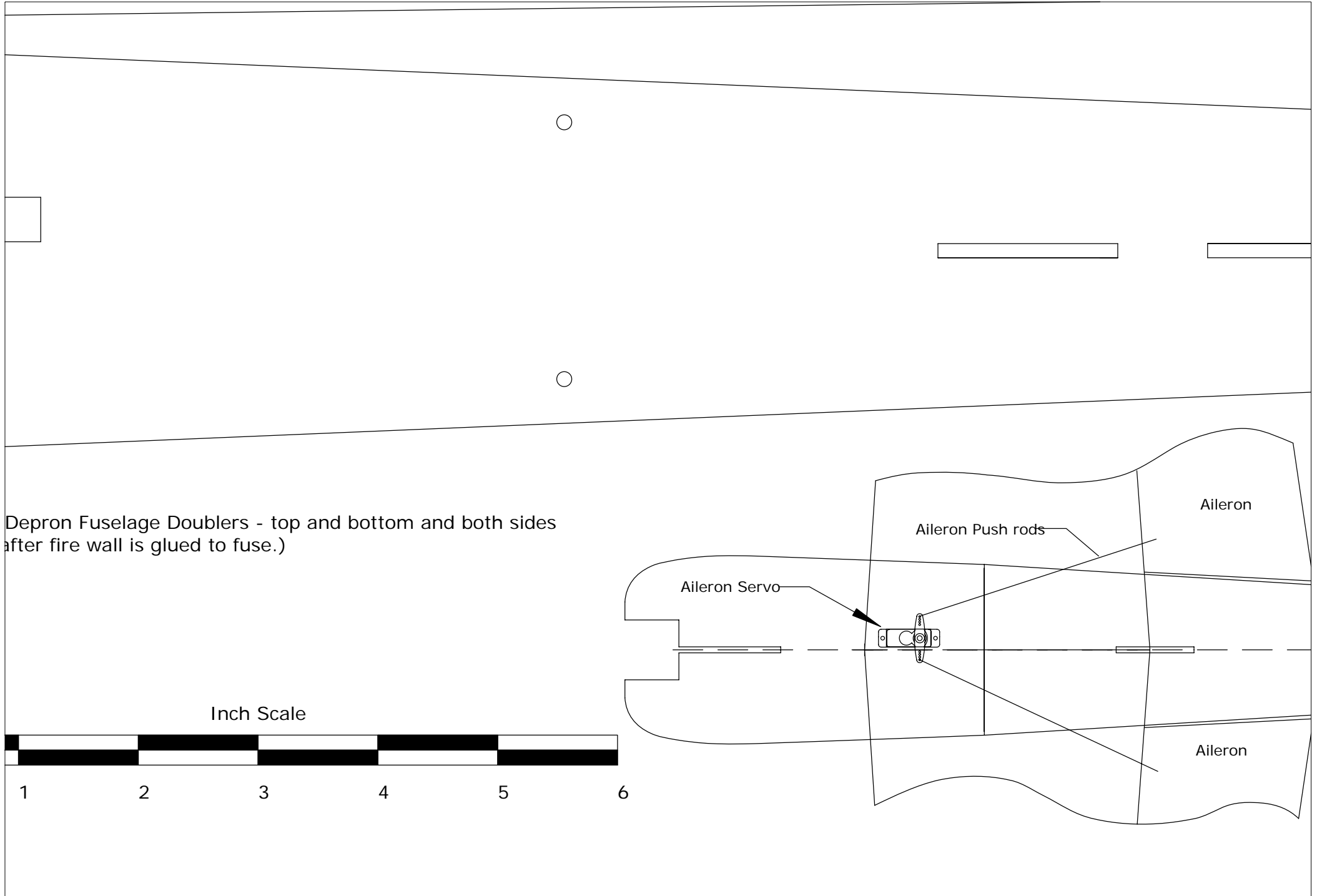


1/8" Light Ply Fire wall





Depron Fuselage Doublers - top and bottom and both sides  
(after fire wall is glued to fuse.)

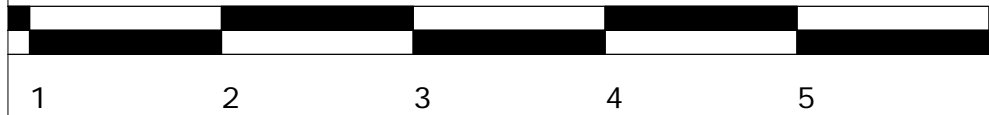
Aileron Push rods

Aileron Servo

Aileron

Aileron

Inch Scale



# Brio Foamy

Original Aircraft Design By: Quique Somenzini

Wingspan: 34"

Wing Area: 230 sq. in

Weight: 5-8oz.

Motor: Viper VA20-34S, Axi 2204/54

Battery: 2-3S 340-850 Lipo

Designed and Drawn By:

Tim Hart

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

Copyright 2004, Foamy Factory Models, Timothy Hart

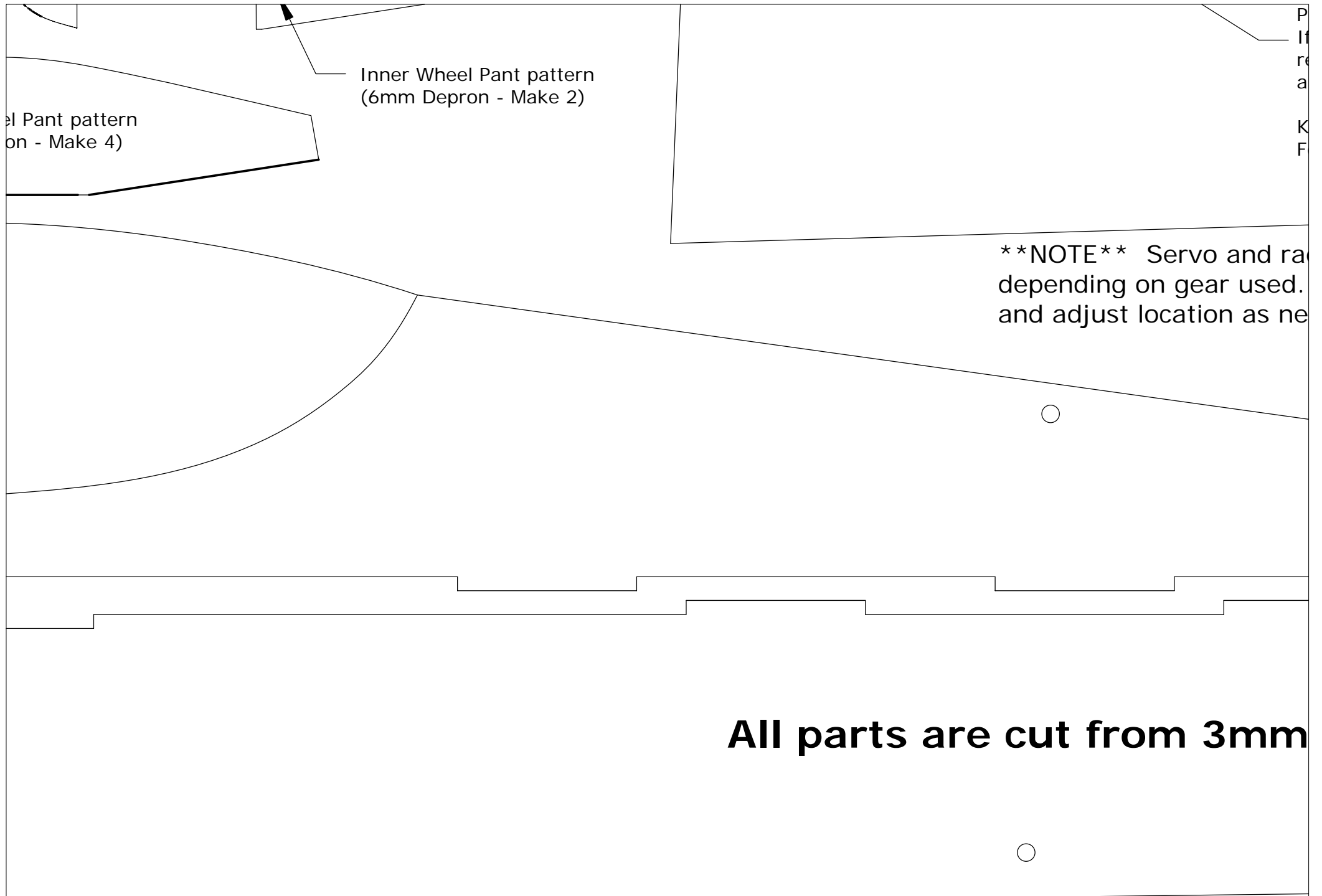


Inch Scale

Outer Wheel  
(3mm depr

Cut out for servo horn clearance.  
Adjust size and location as needed  
for aileron servo used. Mount servo  
with 2, 3mm foam strips under the mounting  
tabs. This will give clearance under the  
control rods for the battery.





Outer Wheel Pant pattern  
(6mm Depron - Make 4)

Inner Wheel Pant pattern  
(6mm Depron - Make 2)

**\*\*NOTE\*\*** Servo and motor location  
depending on gear used.  
and adjust location as needed

**All parts are cut from 3mm**

prototype did not have the struts installed to save weight.  
If you anticipate an AUW of over 7 oz., the struts will help  
reduce wing flex. Use 2mm carbon rods and attach to wing  
and fuselage using the same method the gear struts are attached.

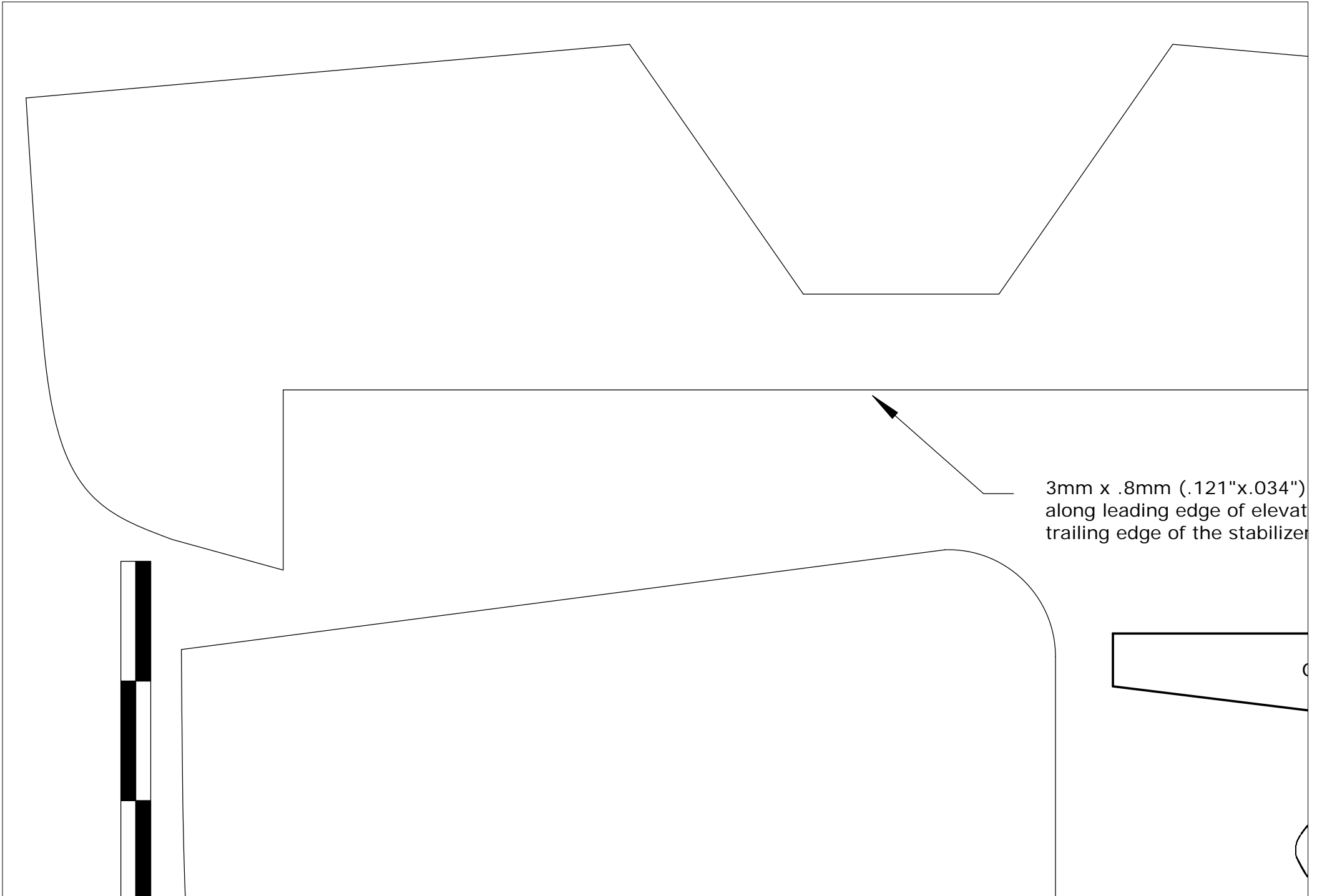
Kevlar Bracing can also be used. See Kevlar Bracing Guide at  
[foamyfactory.com](http://foamyfactory.com)

Radio gear locations may change

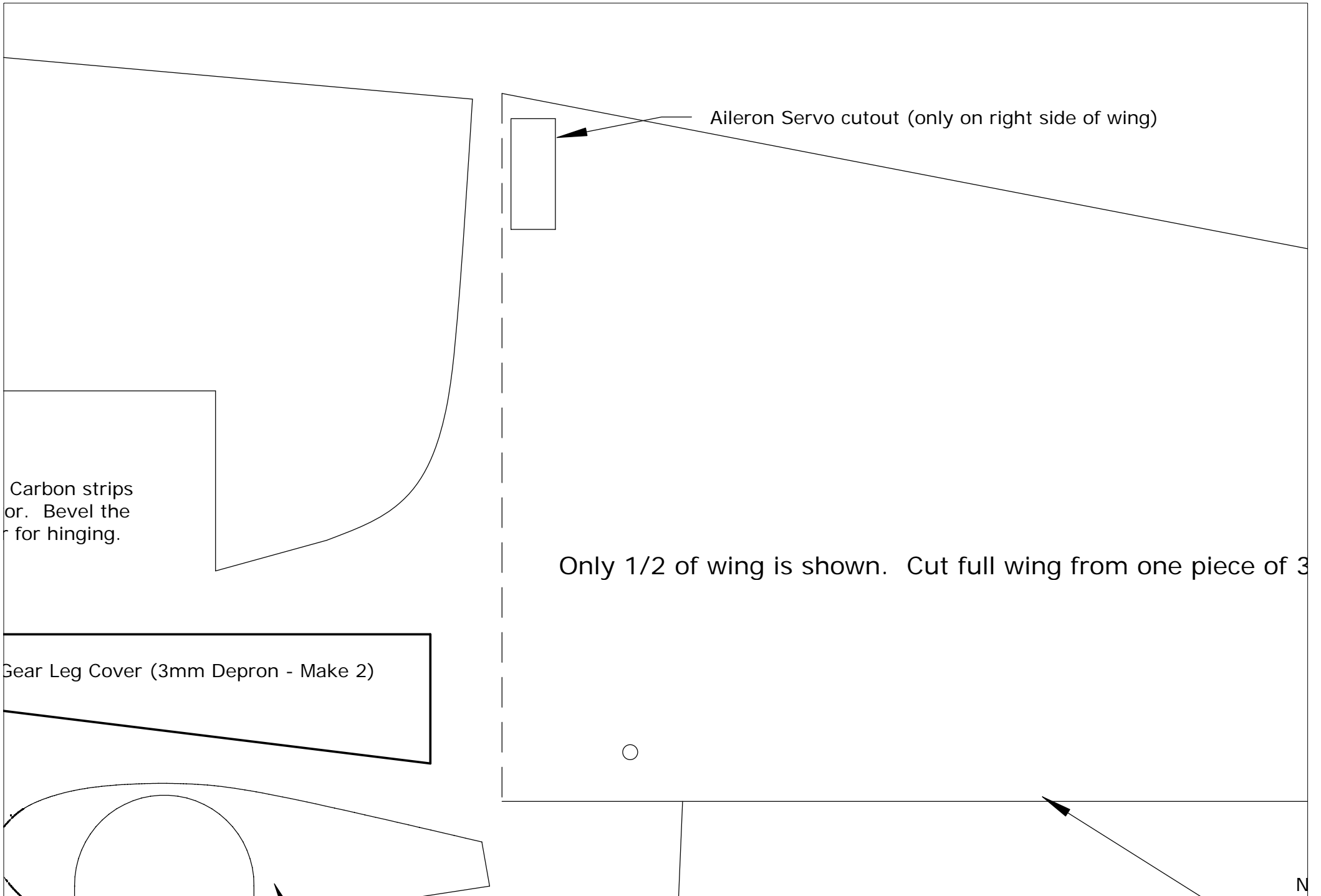
Build the airframe, mount the motor,  
and balance to achieve ballance.



**Depron unless otherwise noted**



3mm x .8mm (.121"x.034")  
along leading edge of elevator  
trailing edge of the stabilizer



Carbon strips  
or. Bevel the  
r for hinging.

Gear Leg Cover (3mm Depron - Make 2)

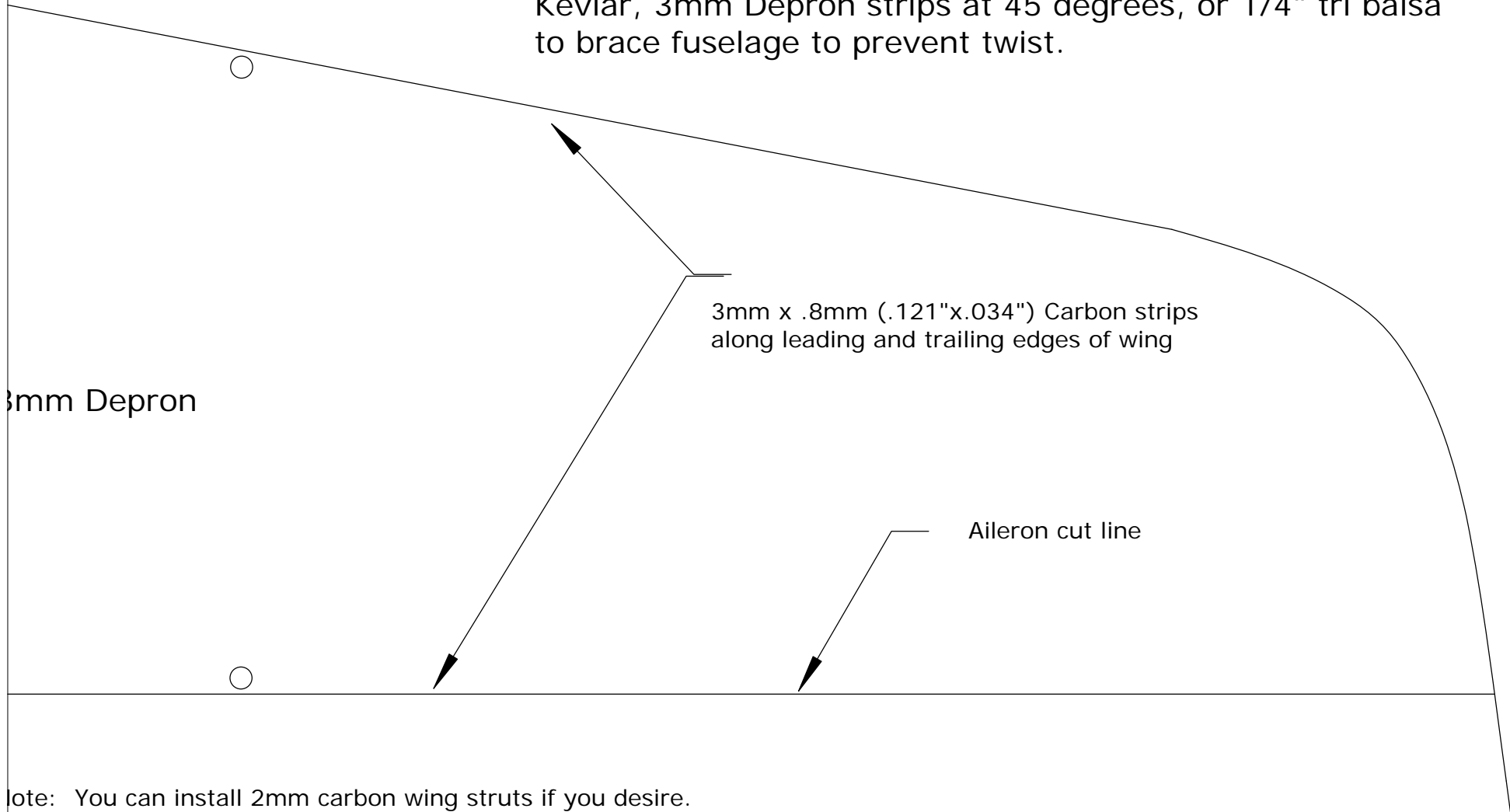
Aileron Servo cutout (only on right side of wing)

Only 1/2 of wing is shown. Cut full wing from one piece of 3

N



**\*\*NOTE\*\*** Download building guide at [www.foamyfactory.com](http://www.foamyfactory.com)  
Kevlar bracing system guid is also available at website. Use  
Kevlar, 3mm Depron strips at 45 degrees, or 1/4" tri balsa  
to brace fuselage to prevent twist.



3mm Depron

3mm x .8mm (.121"x.034") Carbon strips  
along leading and trailing edges of wing

Aileron cut line

Note: You can install 2mm carbon wing struts if you desire.