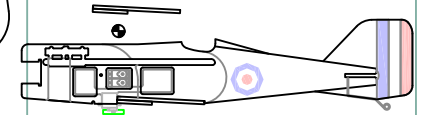


# VLF SE5a

Designed By: Haiduk on RCGroups  
Version: 2.01 Nov. 11, 2011  
Wing Area: 300 sq.in.  
Motor: 1700kv Blue Wonder  
Battery: 800mah 2S  
Prop: APC 8x3.8SF

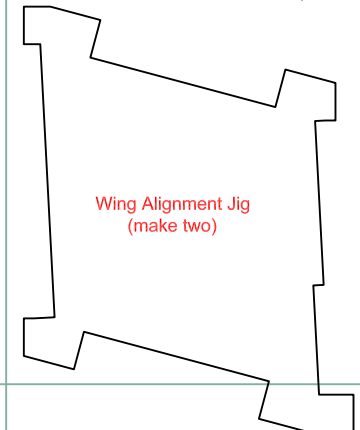
All materials are Protection Board III Fan Fold Foam unless otherwise Specified. Not for commercial use. All Rights Reserved.



## Landing Gear

Bend from  $\frac{1}{16}$ " music wire. To install. Set a length of the bamboo skewer through the fuselage through the hole between the battery and the ESC bays. It should extend out beyond the sides of the fuselage a good half inch. The landing gear is set into the notch at the base of the fuselage just ahead of the leading edge of the lower wing. Use rubber bands to attach to the skewer at the top.

## Wing Alignment Jig (make two)



## Upper Wing

Center of Gravity within 1/2" of the trailing edge of the upper KF panel or the leading edge of the lower wing

## Upper KF Panel

## Lower Wing

## Lower KF Panel

## Motor Mount (cut from 1/8" ply)



Depending on battery thickness, this area may need to be opened up a bit. Be sure to dry fit before assembly.

## Fuselage Doubler (make a right & left)

This Hatch Left Side Only

This Hatch Left Side Only

Be sure to reinforce the landing gear slot so it doesn't tear into the foam.

## Outer Fuselage (make a right & left)

## Fuselage Tripler (make a right & left)

This Hatch Left Side Only

## Hatch Covers

## Exhaust Stack (make two)

## Horiz. Stabilizer

Elevator Joiner (Bend from 1/16" music wire and install prior to hinging)

800mah 2S LiPo

10-12 amp ESC

Tail Feather Servos

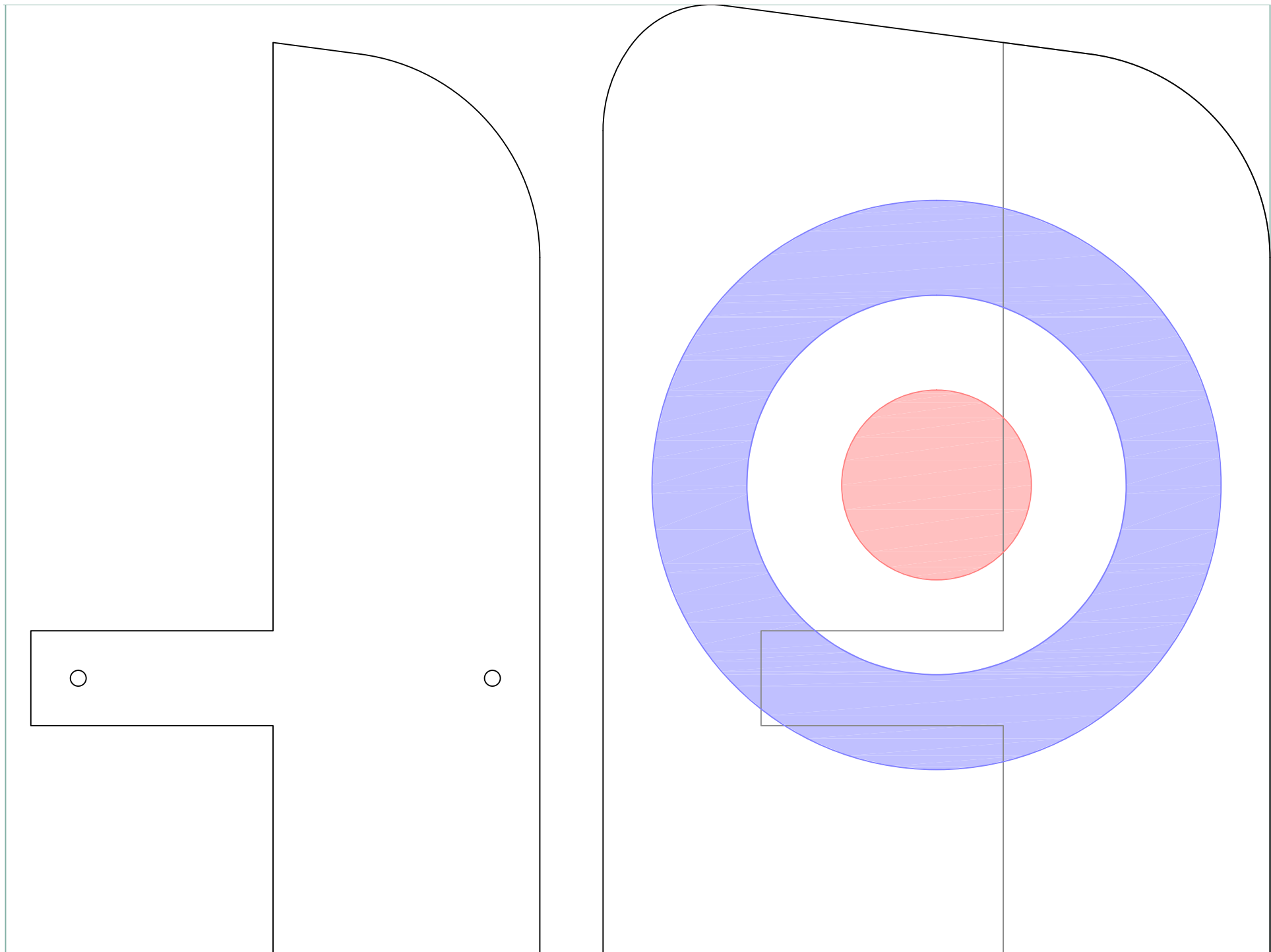
End Pin Type Receiver

Aileron Servo

1/8" Bamboo Skewer for landing gear post.

## Center Fuselage

Optional Lightening Holes in Center Lamination.



Upper Wing

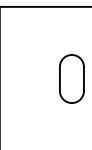
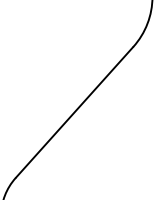
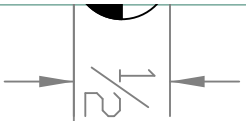


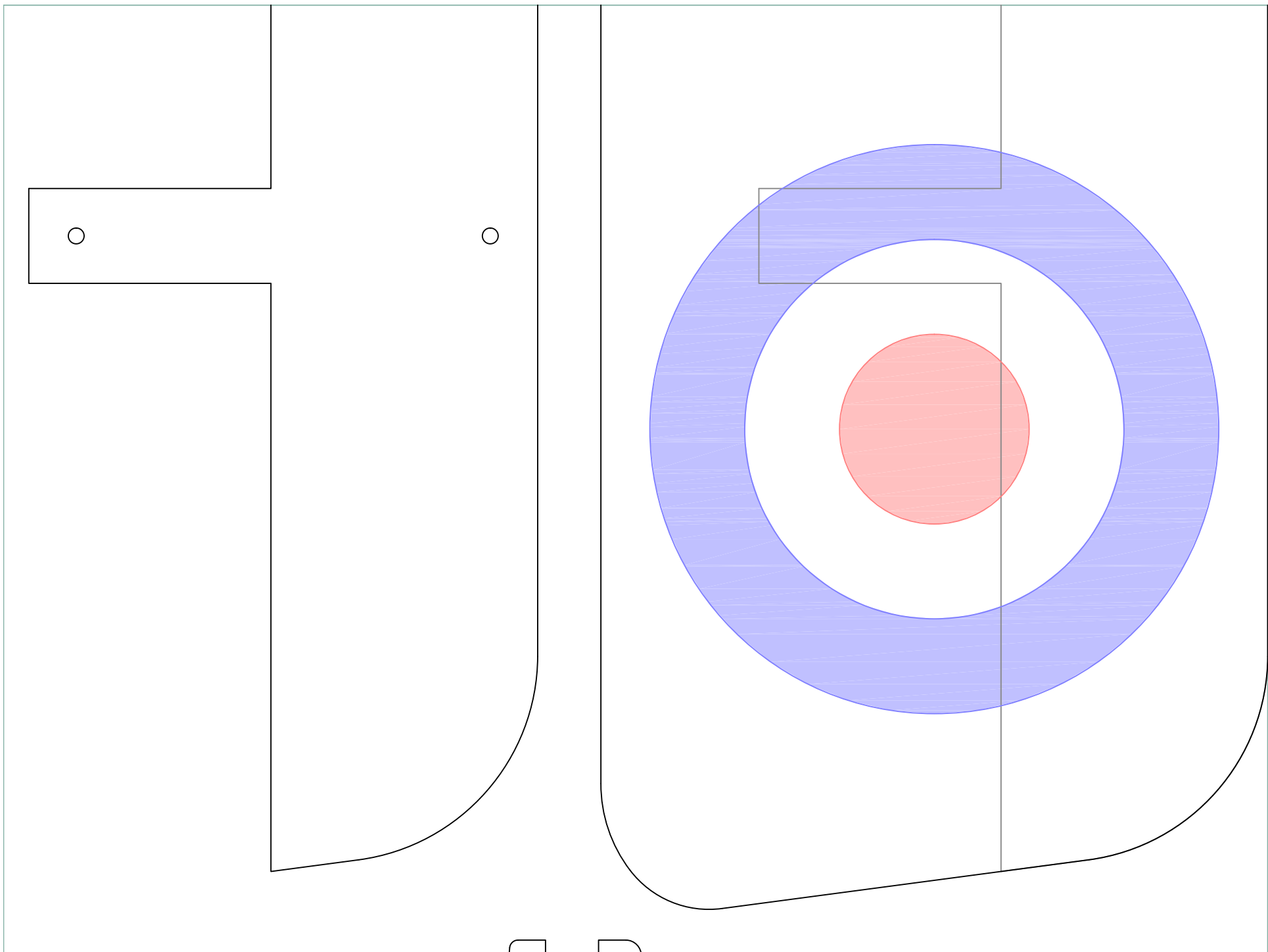
Upper KF Panel



## Center of Gravity

within 1/2" of the trailing edge of  
the upper KF panel or the  
leading edge of the lower wing





# VLF SE5a

**Designed By:** Haiduk on RCGroups

**Version:** 2.01 Nov. 11, 2011

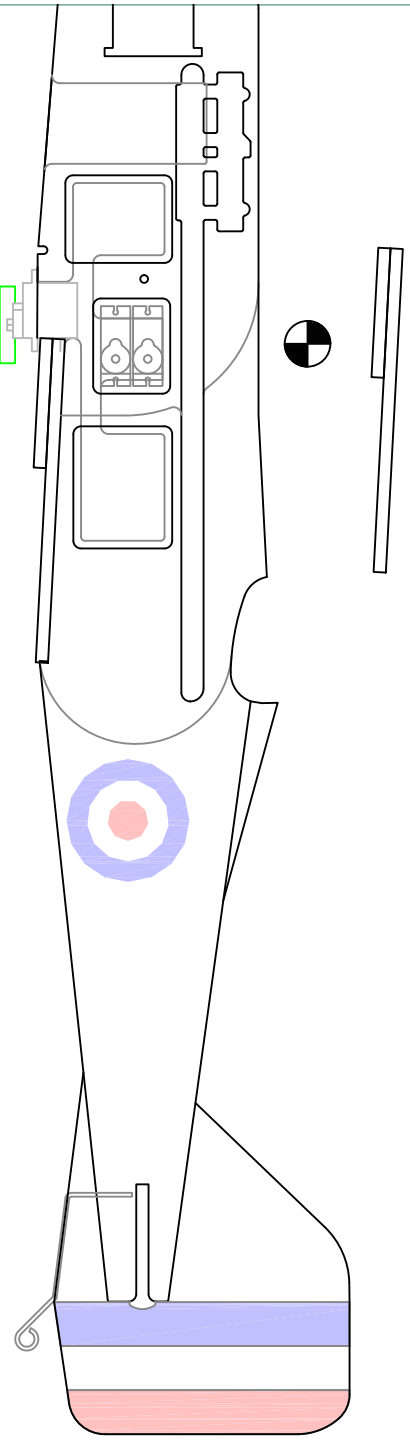
**Wing Area:** 300 sq.in.

**Motor:** 1700kv Blue Wonder

**Battery:** 800mah 2S

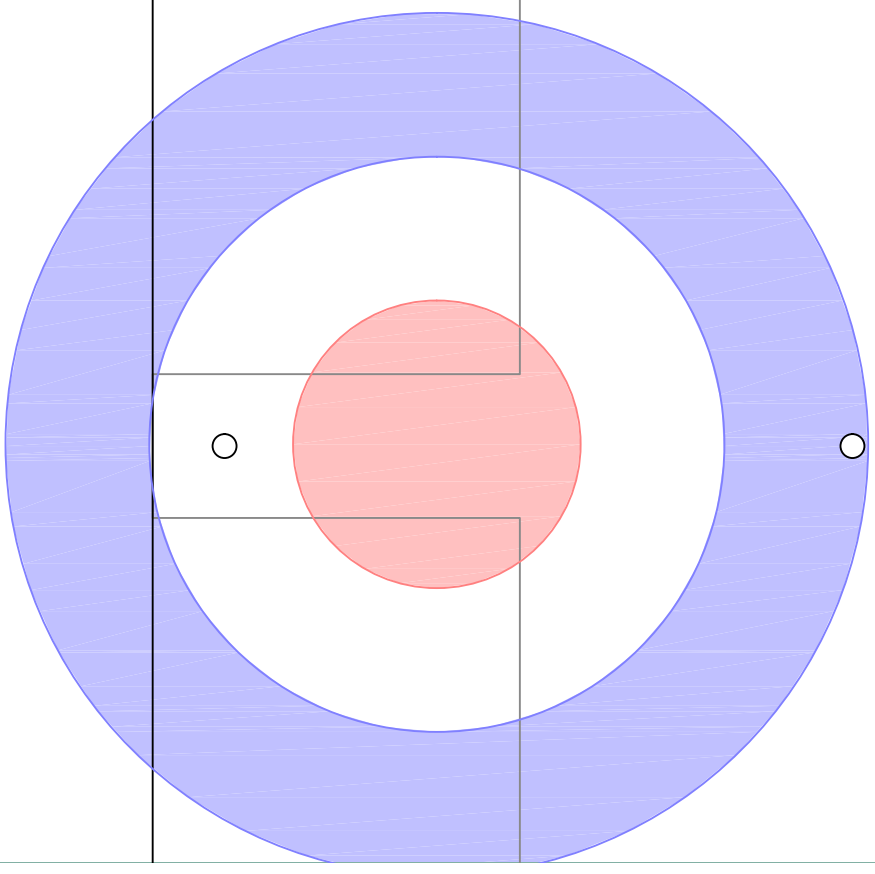
**Prop:** APC 8x3.8SF

All materials are Protection Board III Fan Fold Foam unless otherwise Specified. Not for commercial use. All Rights Reserved.



## Landing Gear

Bend from  $\frac{1}{16}$ " music wire. To install. Set a length of the bamboo skewer through the hole fuselage through the hole between the battery and the ESC bays. It should extend



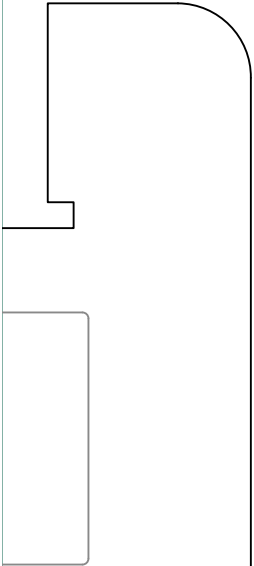
**Motor Mount**  
**(cut from 1/8" ply)**

Depe  
battery  
this a

Lower Wing

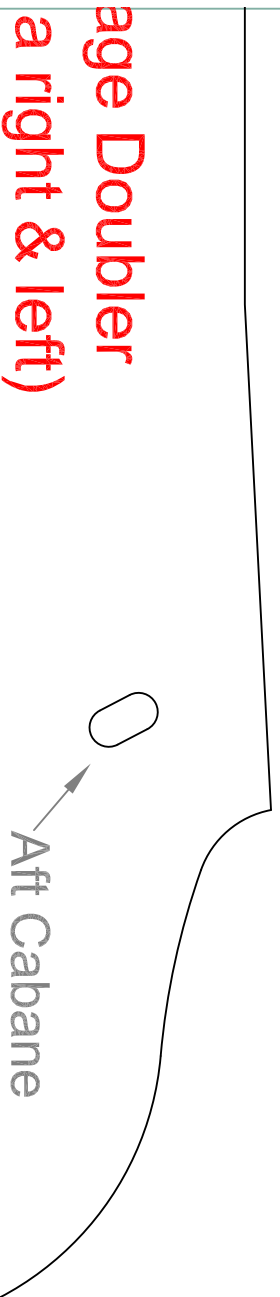
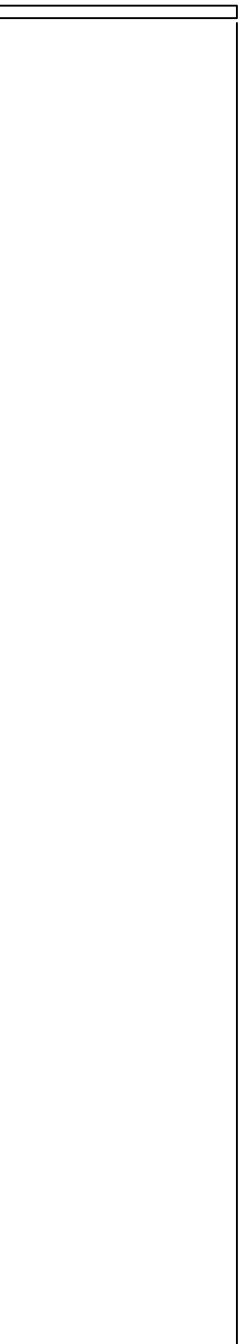
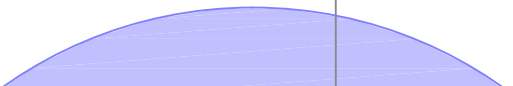
Lower KF Panel

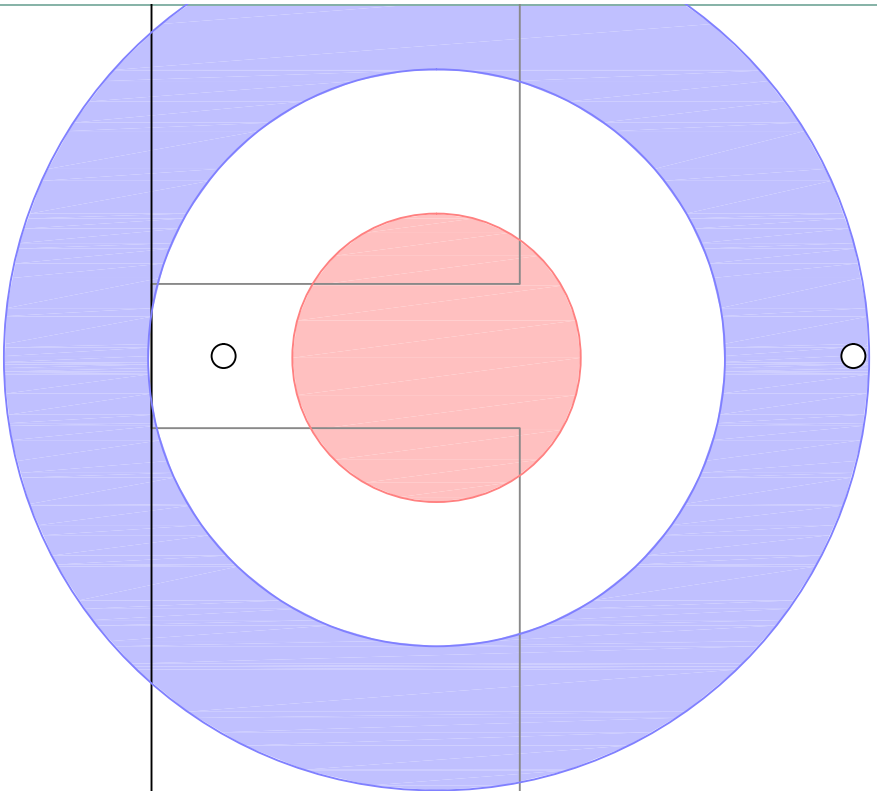
Depending on  
thickness,  
area may



Fuselage  
(make



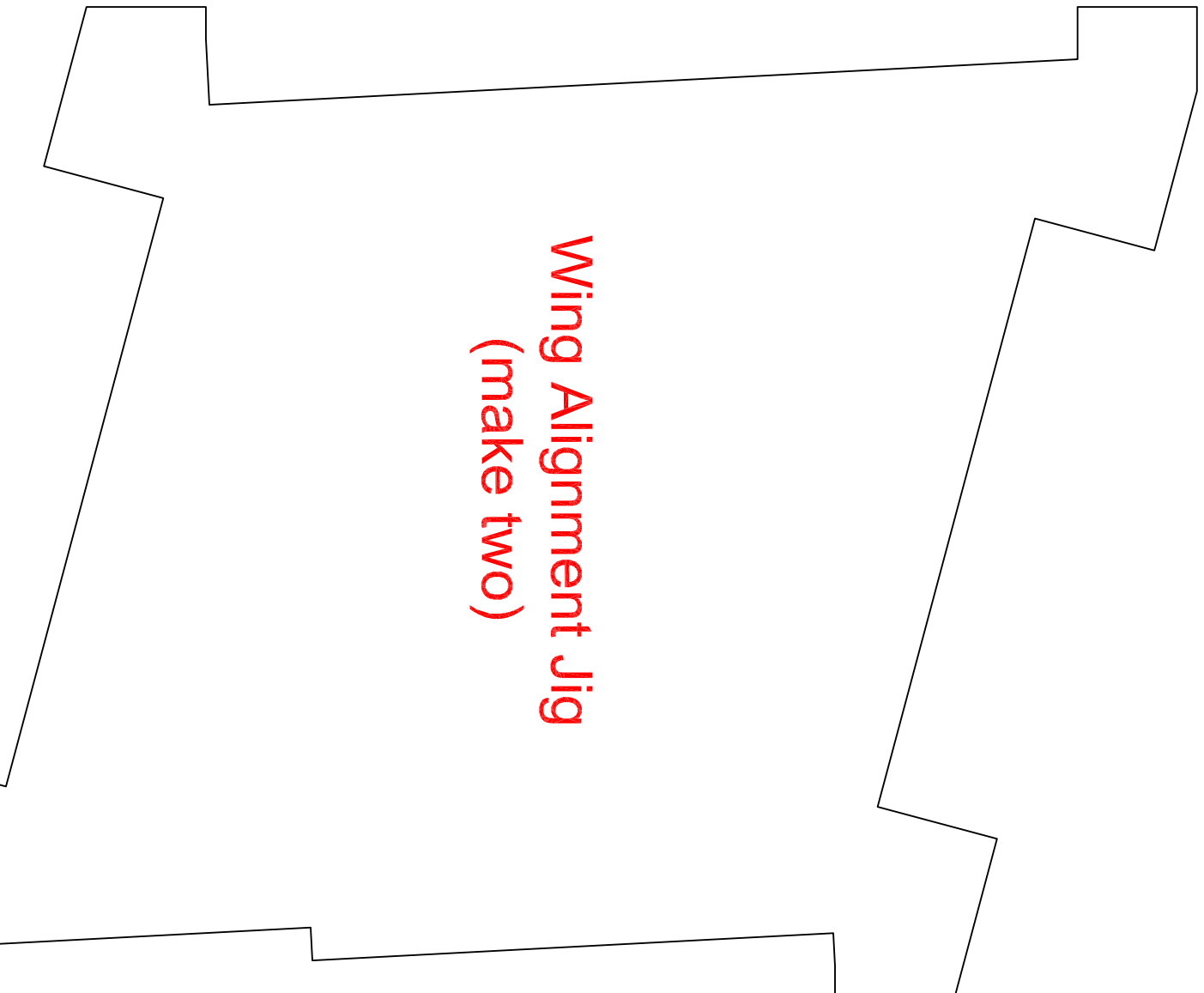


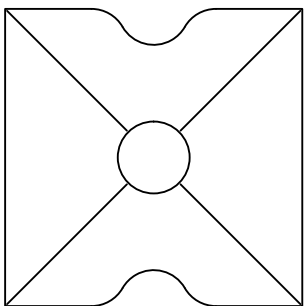


Forward  
Cabane Strut

out beyond the sides of the fuselage a good half inch. The landing gear is set into the notch at the base of the fuselage just ahead of the leading edge of the lower wing. Use rubber bands to attach to the skewer at the top.

**Wing Alignment Jig  
(make two)**





nee  
opene  
Be sur  
before

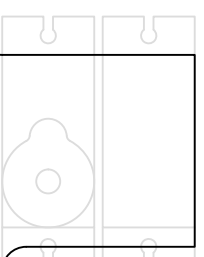
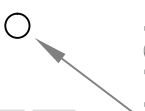
Tail Feather  
Servos

800mah  
2S  
LiPo

10-12  
amp  
ESC

Aileron  
Servo

1/8" Bamboo Skewer  
for landing gear post.



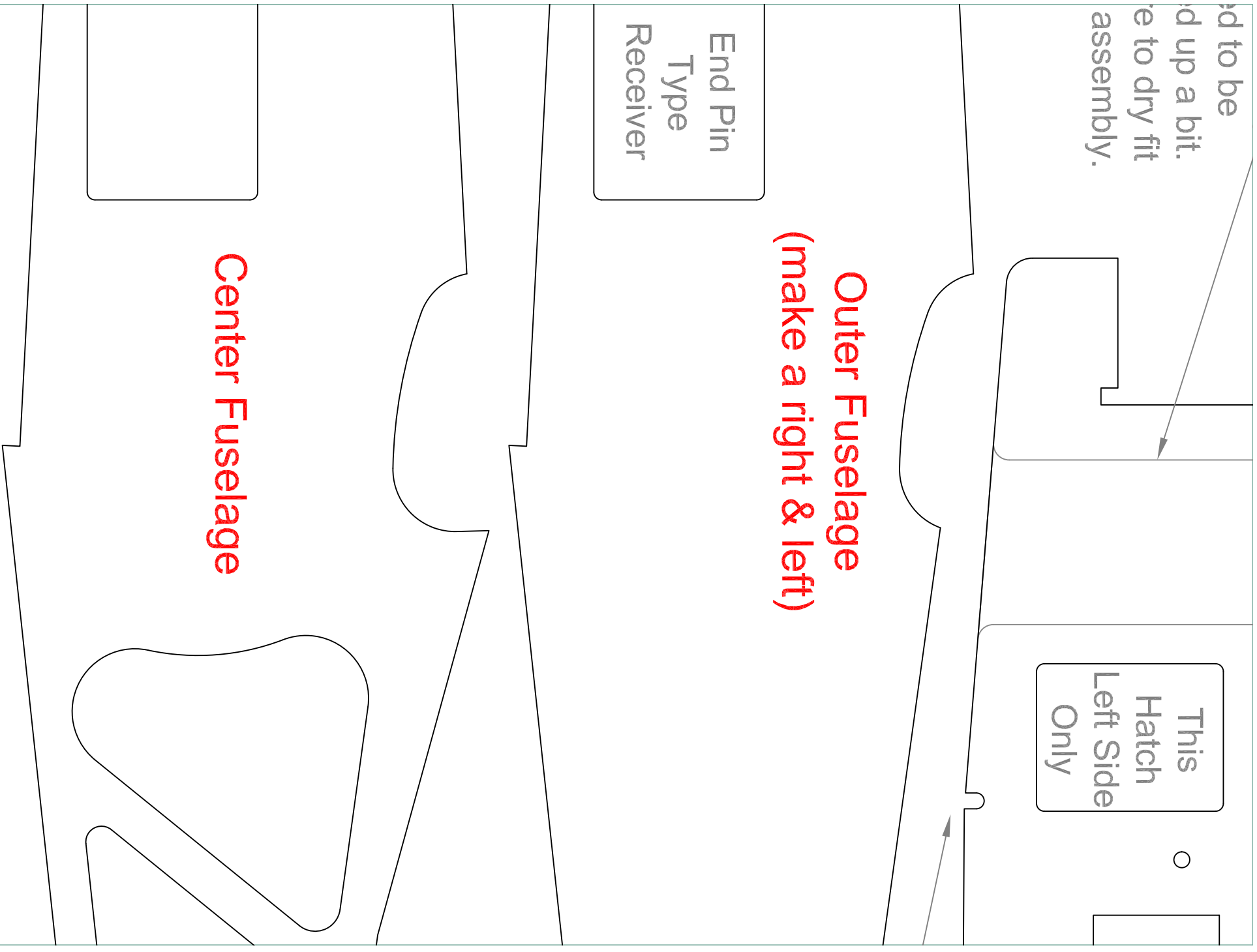
ad to be  
id up a bit.  
e to dry fit  
assembly.

This  
Hatch  
Left Side  
Only

Outer Fuselage  
(make a right & left)

End Pin  
Type  
Receiver

Center Fuselage

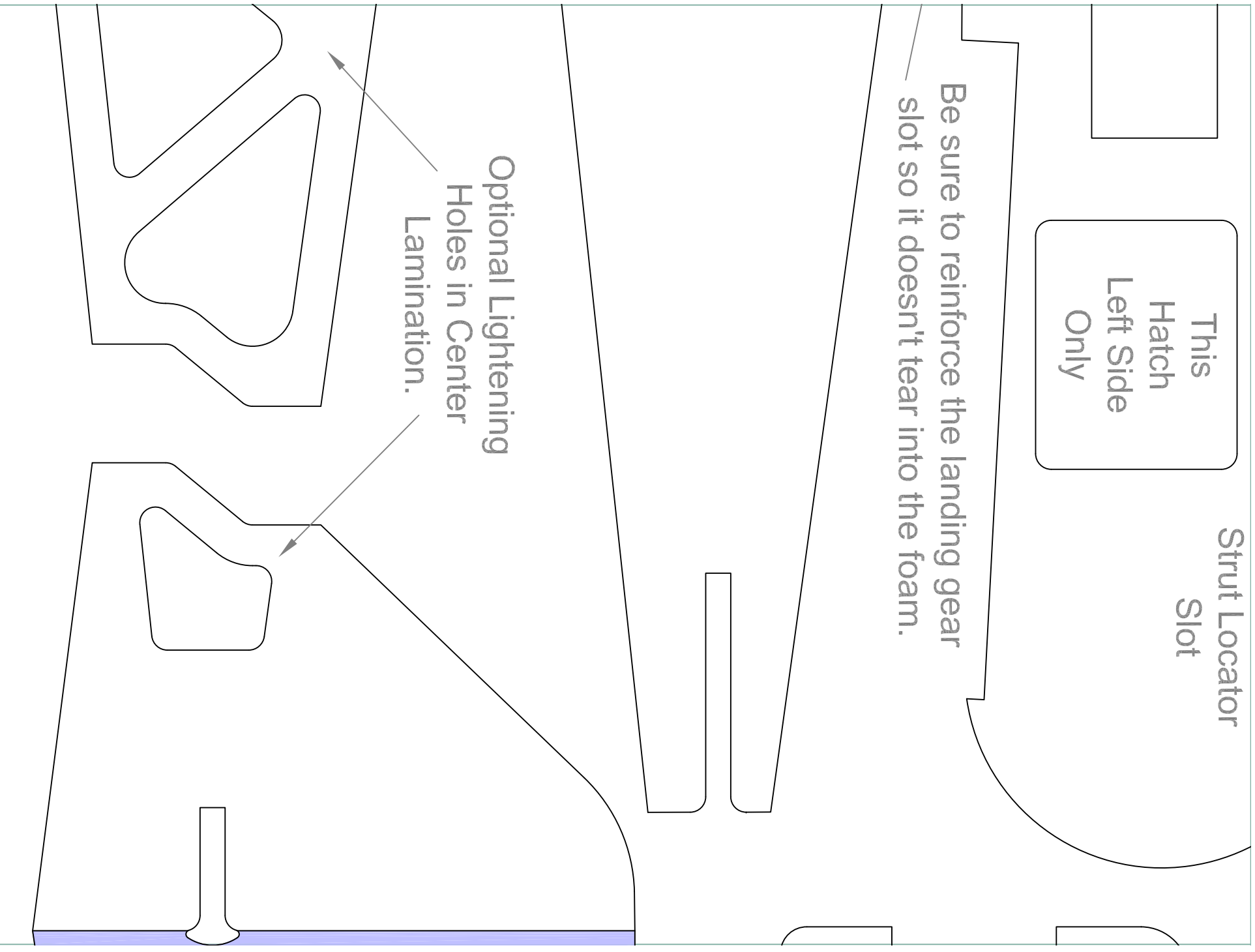


Strut Locator  
Slot

This  
Hatch  
Left Side  
Only

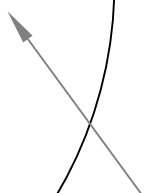
Be sure to reinforce the landing gear  
slot so it doesn't tear into the foam.

Optional Lightening  
Holes in Center  
Lamination.

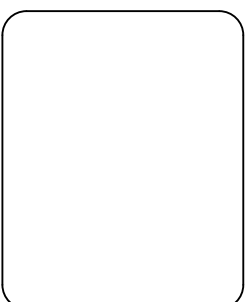


Locator Slot

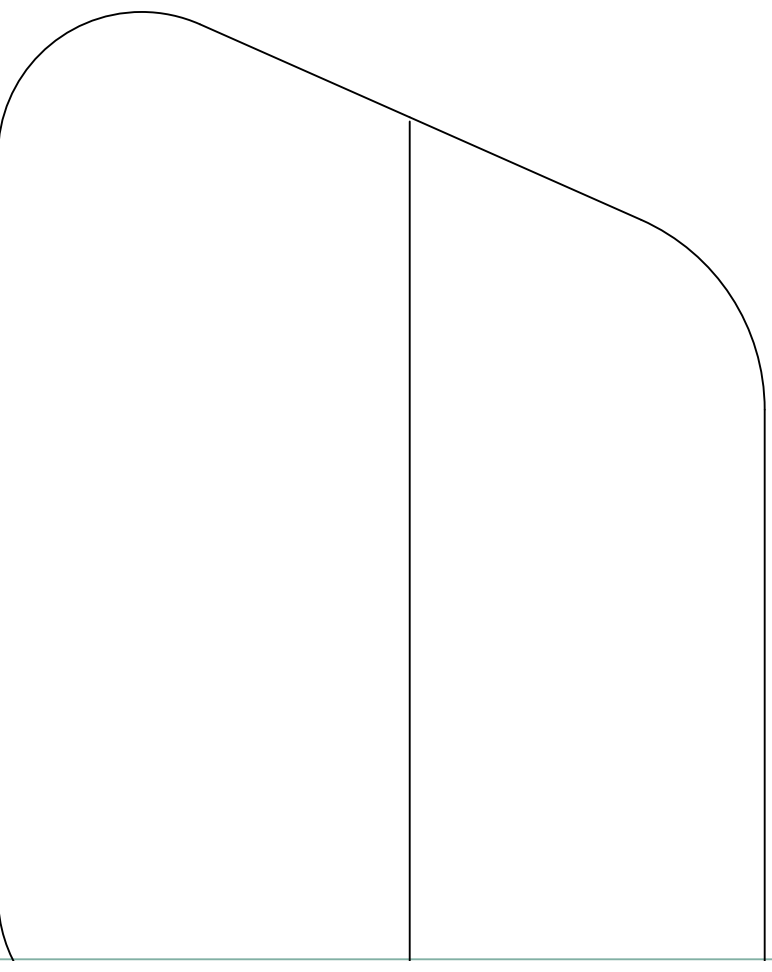
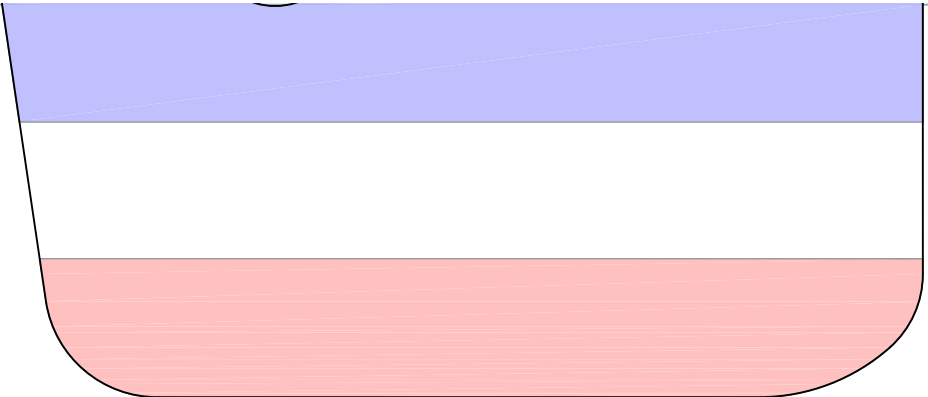
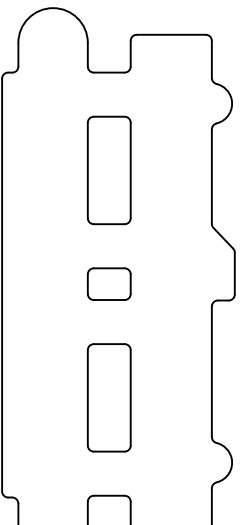
**Fuselage Tripler**  
**(make a right & left)**

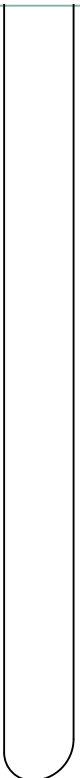
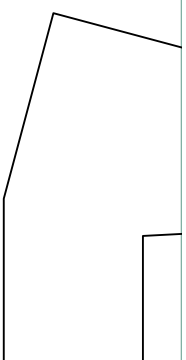


This  
Hatch  
Left Side  
Only

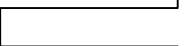
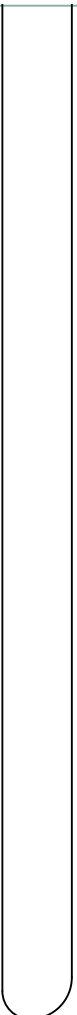
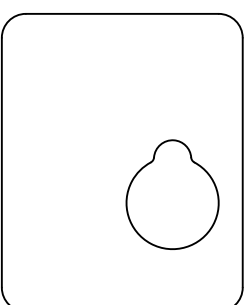
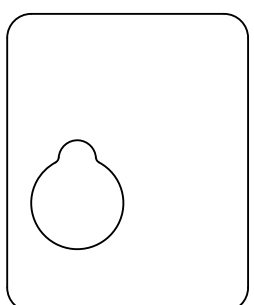
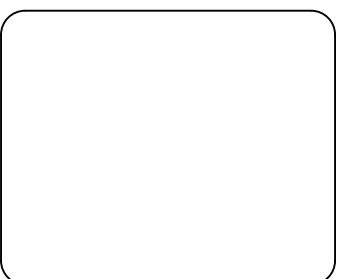
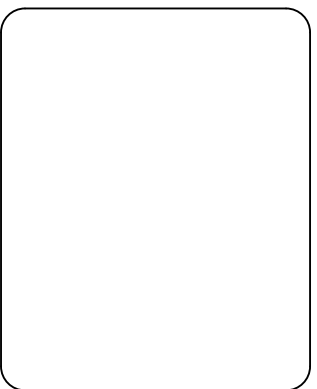


**Exhaust Stack**  
**(make two)**

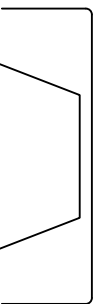




## Hatch Covers



## Horiz. Stabilizer



Elevator Joiner  
(Bend from 1/16" music wire  
and install prior to hinging)

