



FOAM, GLUE, TAPE AND A LITTLE IMAGINATION....



*(RC Model Airplane Basic Template Plan)*

# **rcFoamFighters**

## **EPP Park Jet**

*(Design and CAD Drawing by Paul Petty - Mar. 2009)*

*Beta Release Ver. 1.1*

FREE TEMPLATE - NOT TO BE SOLD

# rcFoamFighters

## EPP Park Jet (Basic Template)

(Design by Paul Petty - Jan. 2009 - Rev 1.1)

(CAD Drawing by Paul Petty - Mar. 2009)

(Basic Template Release 1.1 - Copyright rcFoamFighters)

(Contact rcFoamFighters at: [admin@rcfoamfighters.com](mailto:admin@rcfoamfighters.com))

### Recommend Parts

Motor: Grayson Hobbies Super Mega Jet or  
Equivalent 2500kv 400watt motor.

Prop: 6x5.5

ESC: 40A

Battery: 2200mA (30C recommended)

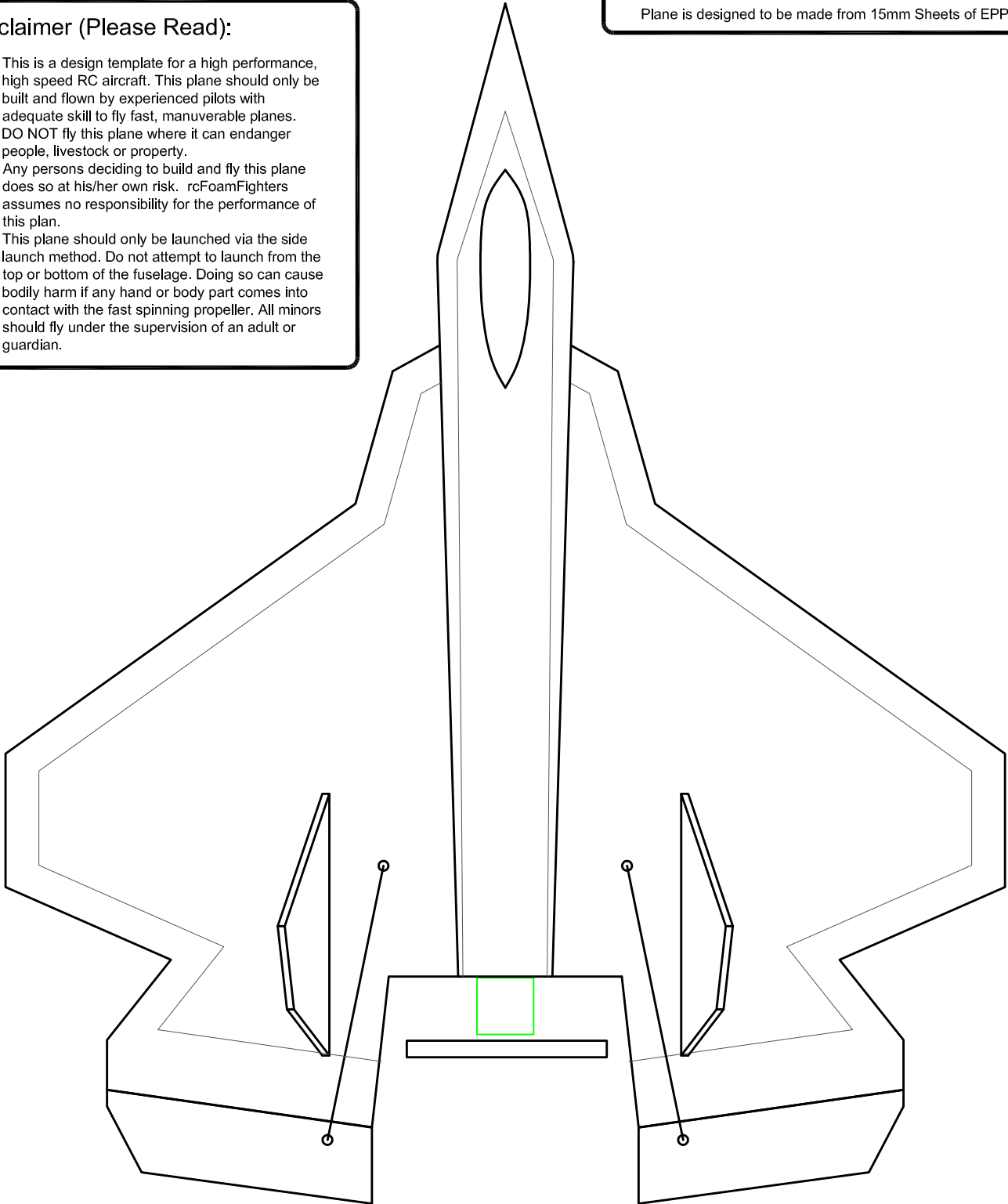
Servos: 2 each Hitec HS-82MG Metal Gear or  
equivalent.

Radio & Receiver: Any 4-channel or better(any  
2.4ghz spread spectrum preferred)

Plane is designed to be made from 15mm Sheets of EPP Foam.

### Disclaimer (Please Read):

- This is a design template for a high performance, high speed RC aircraft. This plane should only be built and flown by experienced pilots with adequate skill to fly fast, maneuverable planes.
- DO NOT fly this plane where it can endanger people, livestock or property.
- Any persons deciding to build and fly this plane does so at his/her own risk. rcFoamFighters assumes no responsibility for the performance of this plan.
- This plane should only be launched via the side launch method. Do not attempt to launch from the top or bottom of the fuselage. Doing so can cause bodily harm if any hand or body part comes into contact with the fast spinning propeller. All minors should fly under the supervision of an adult or guardian.



# BASIC TEMPLATE ASSEMBLY KEY PLAN

## rcFoamFighters

### EPP Park Jet (Basic Template)

(Design by Paul Petty - Jan. 2009 - Rev 1.1)

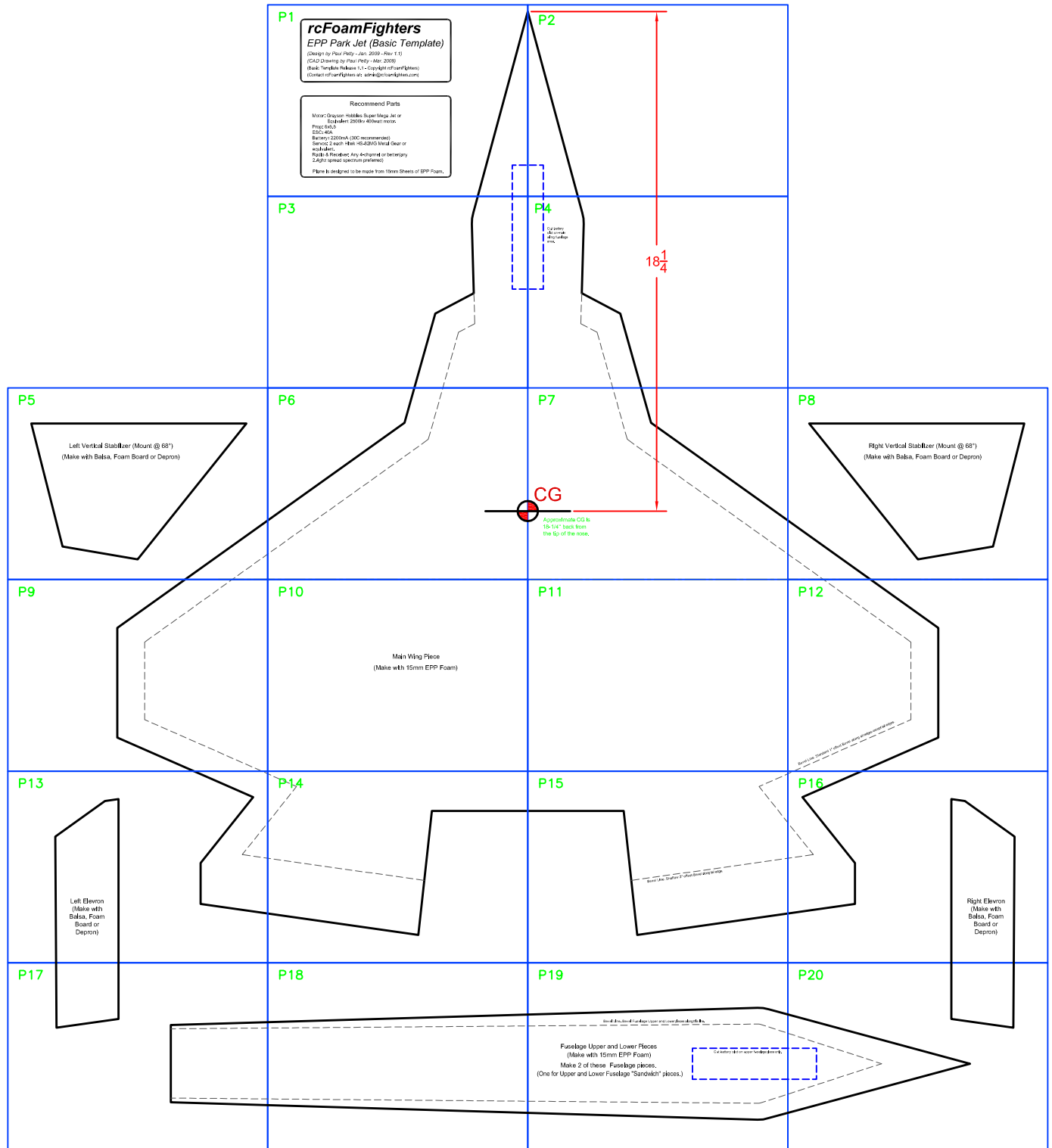
(CAD Drawing by Paul Petty - Mar. 2009)

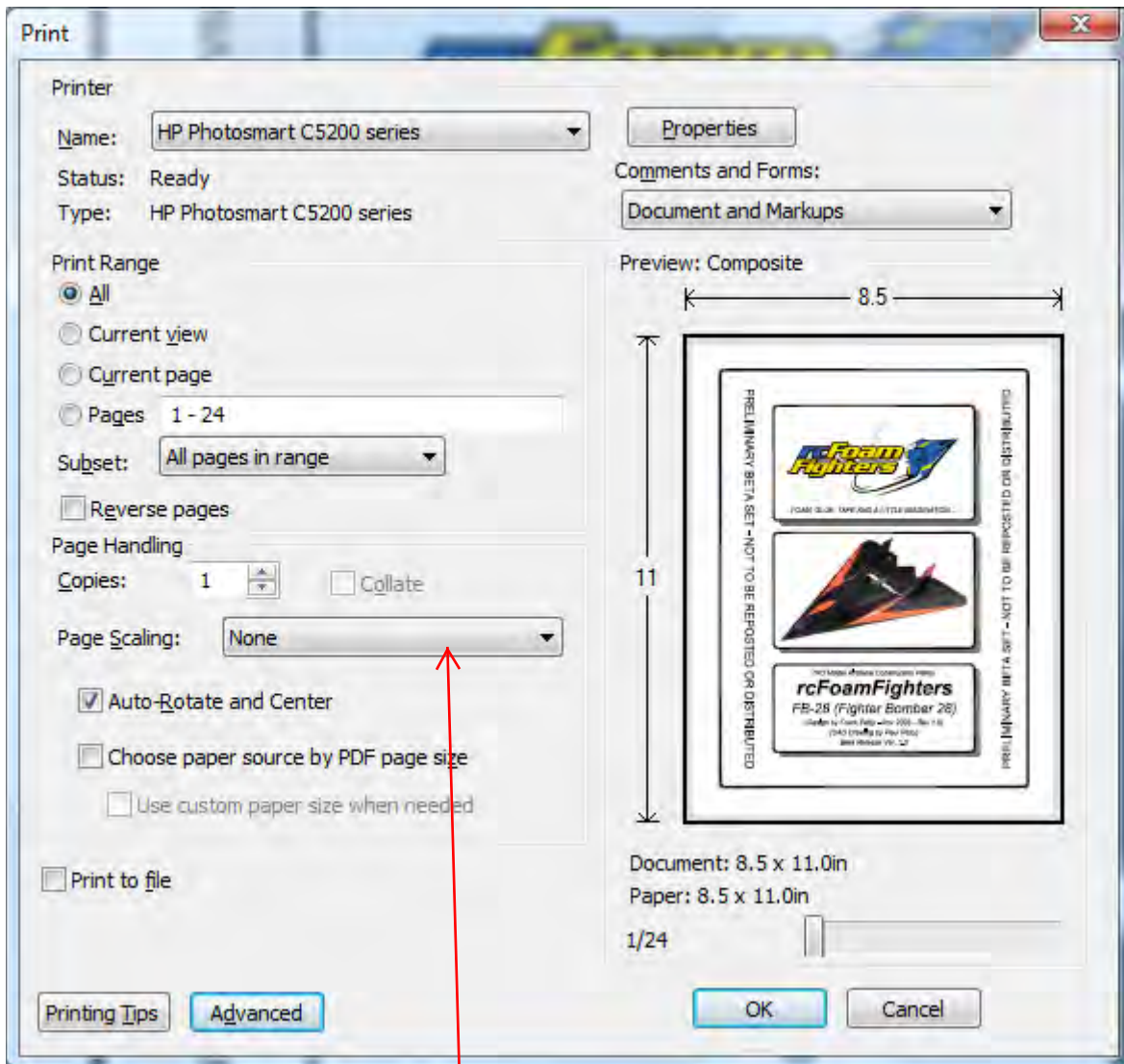
(Basic Template Release 1.1 - Copyright rcFoamFighters)

(Contact rcFoamFighters at: admin@rcfoamfighters.com)

#### INSTRUCTIONS:

**PRINT ALL TEMPLATE SHEETS. CUT AND ASSEMBLE AS SHOWN BELOW. USE SCOTCH TAPE TO SECURE SHEETS TOGETHER.**





When you print the templates, Make sure you pick "None" for page scaling otherwise pages may not print to proper scale.

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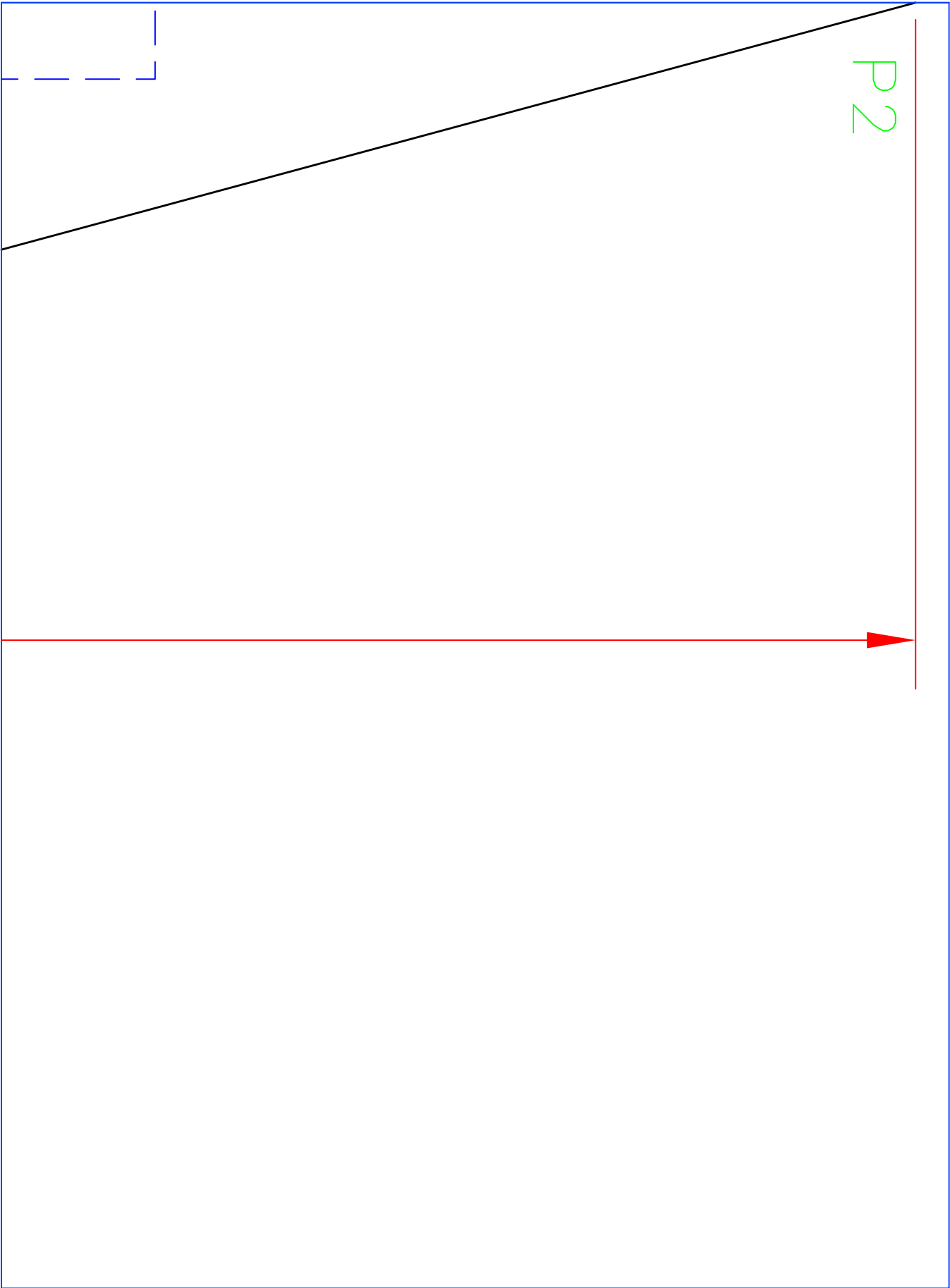
Battery: 2200mA (30C recommended)

Servos: 2 each Hitek HS-82MG Metal Gear or  
equivalent.

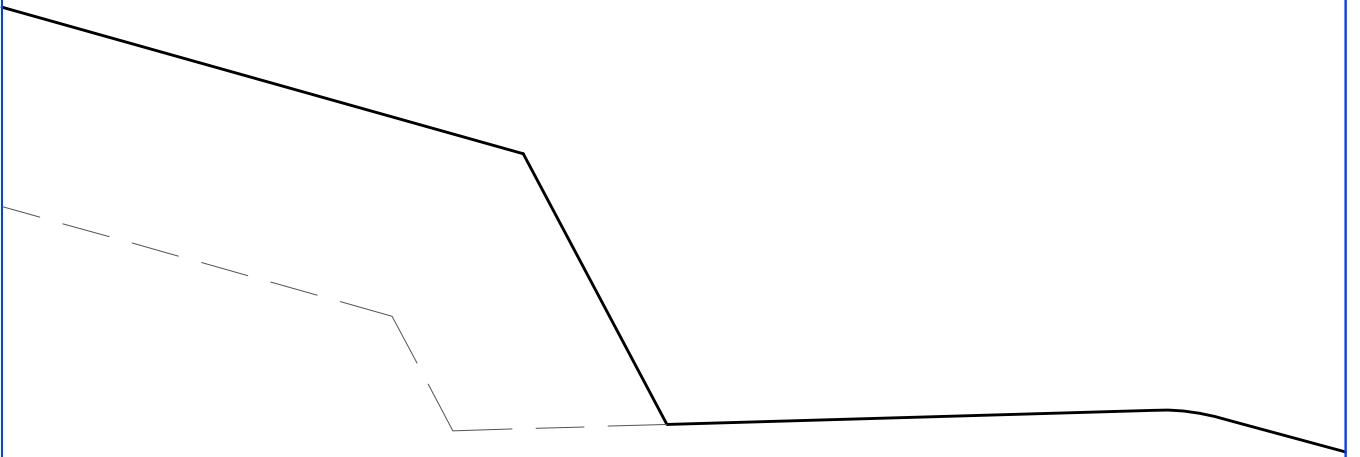
Radio & Receiver: Any 4-channel or better(any  
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Plane is designed to be made from 15mm Sheets of EPP Foam.

P2



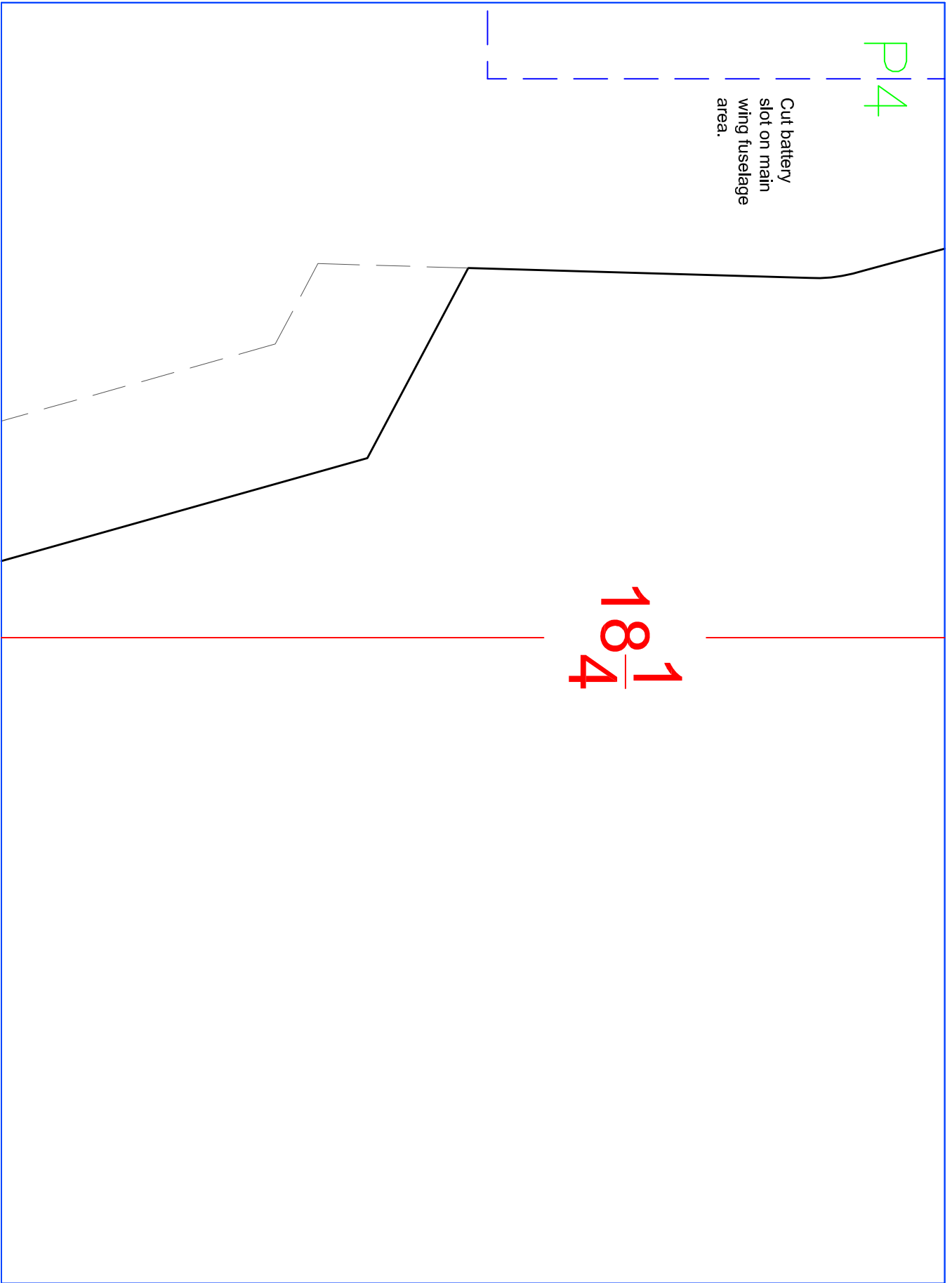
P3



P4

Cut battery  
slot on main  
wing fuselage  
area.

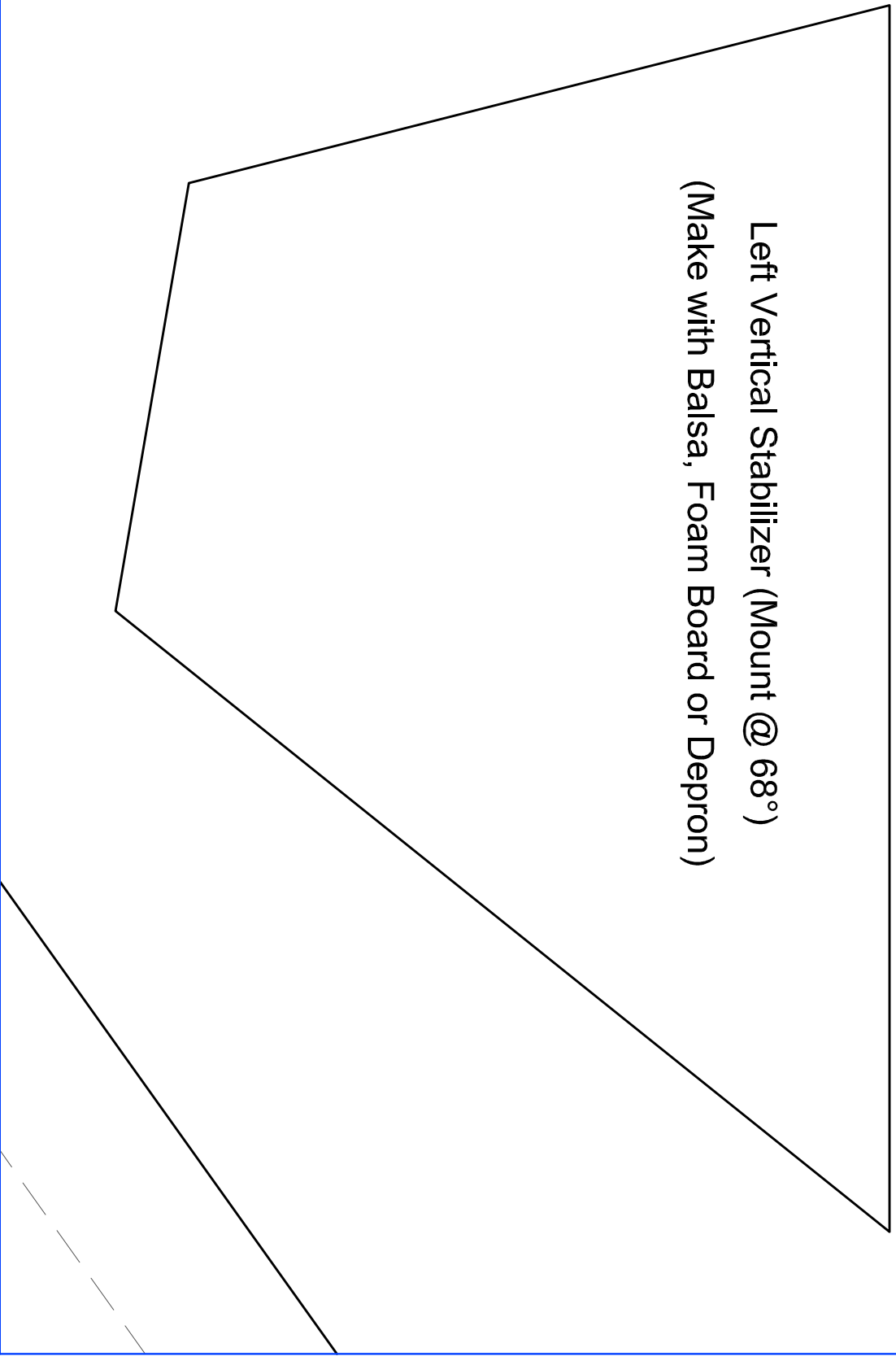
18 1/4



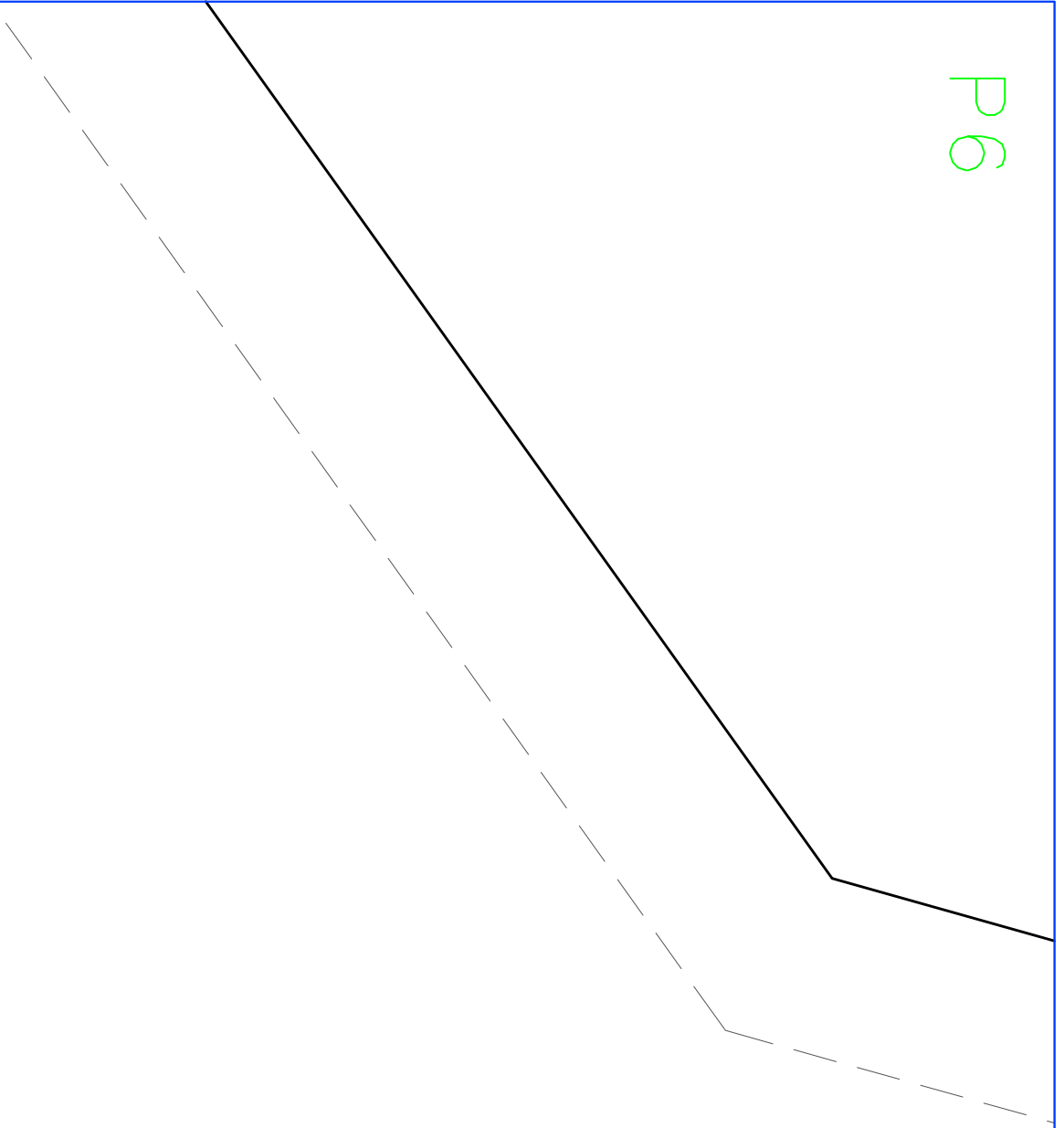
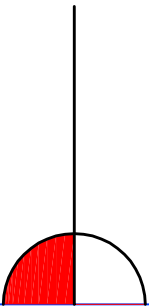


P5

Left Vertical Stabilizer (Mount @ 68°)  
(Make with Balsa, Foam Board or Depron)



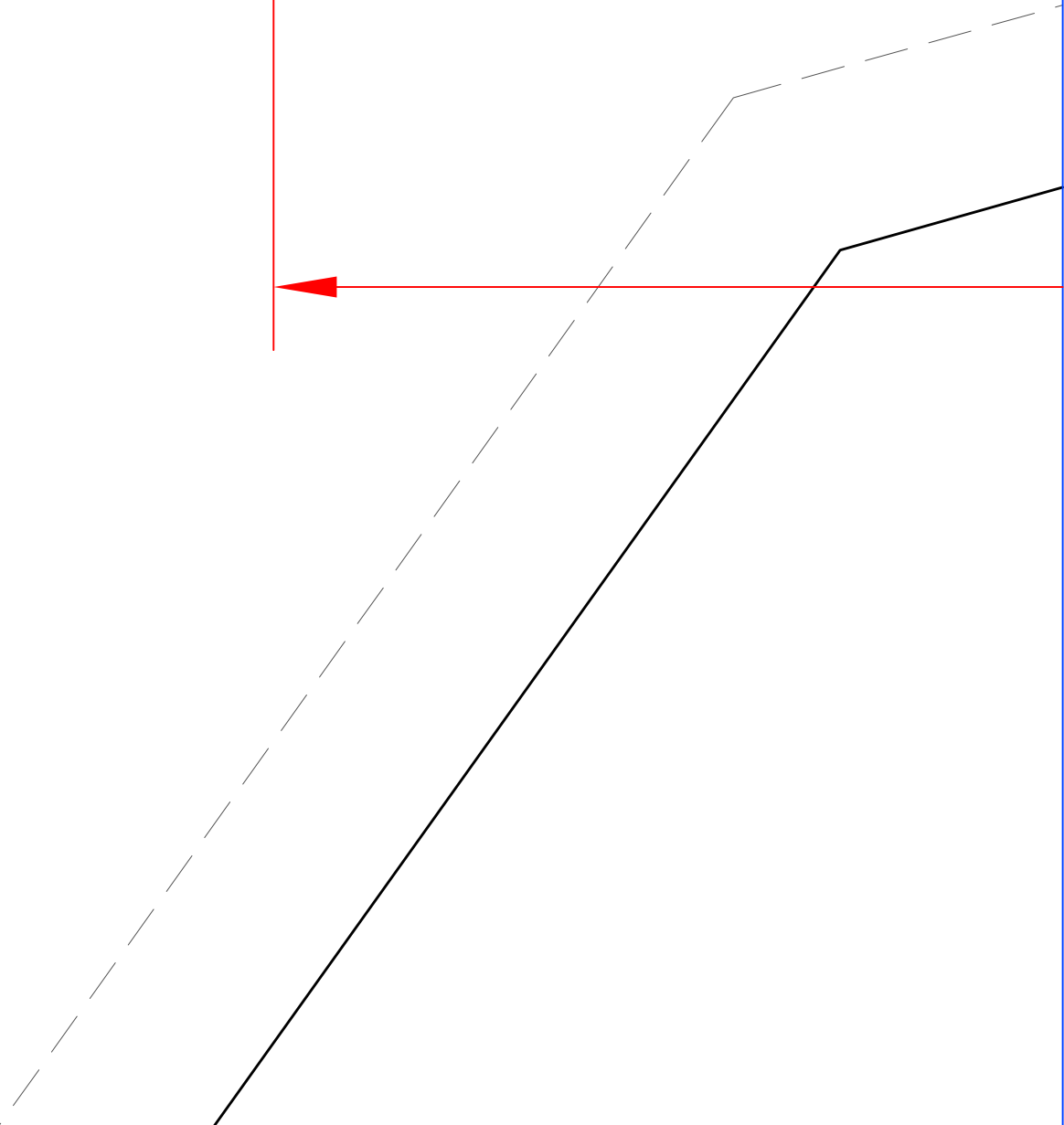
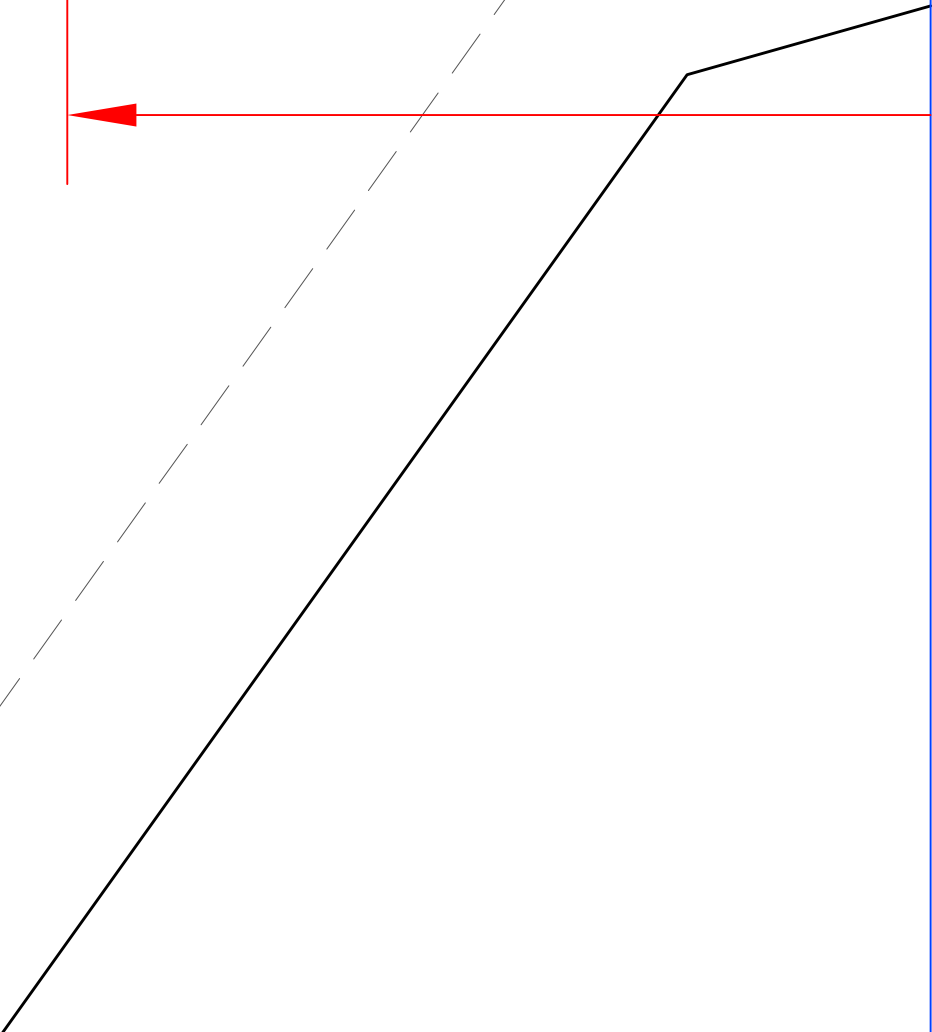
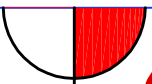
P6



P7

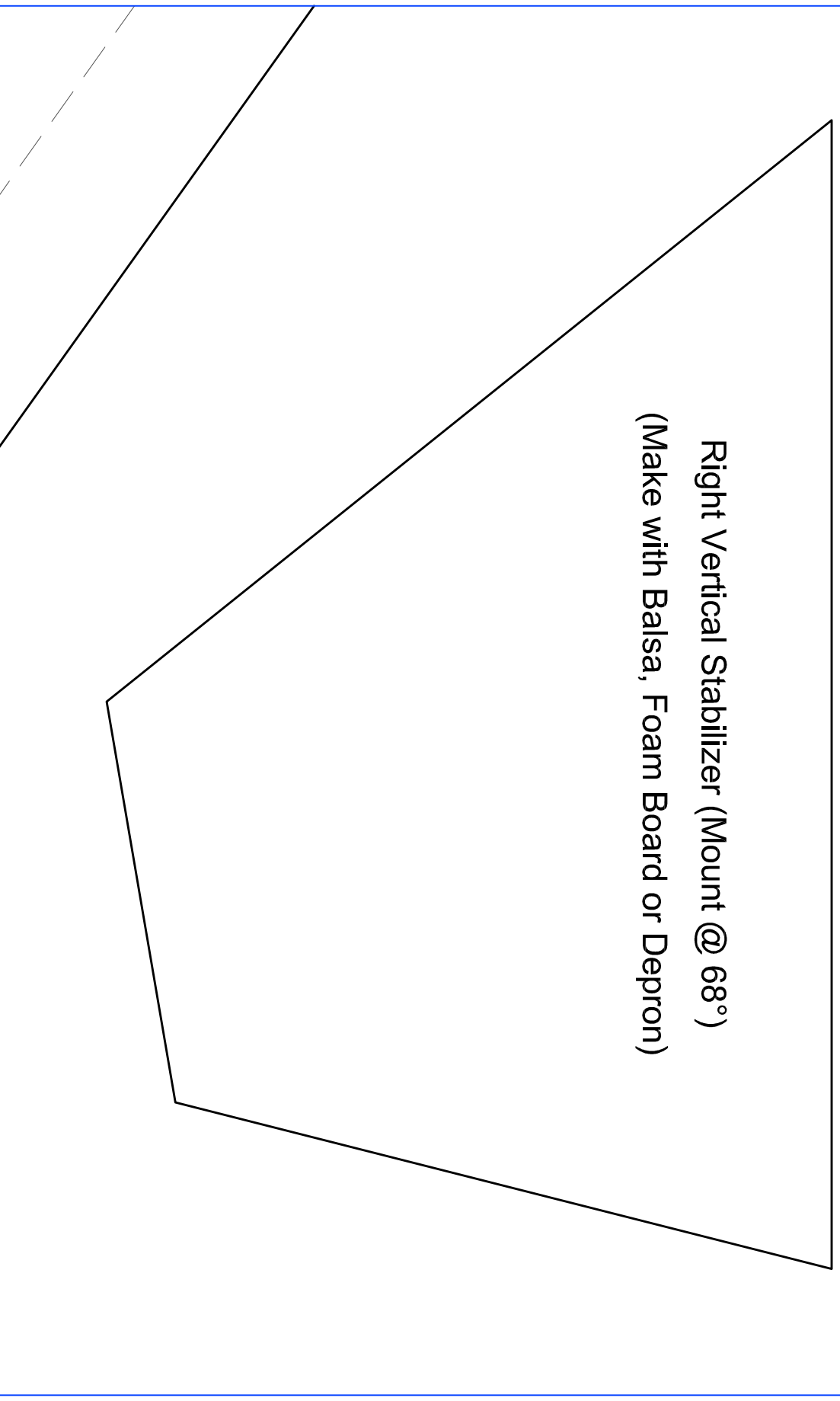
CG

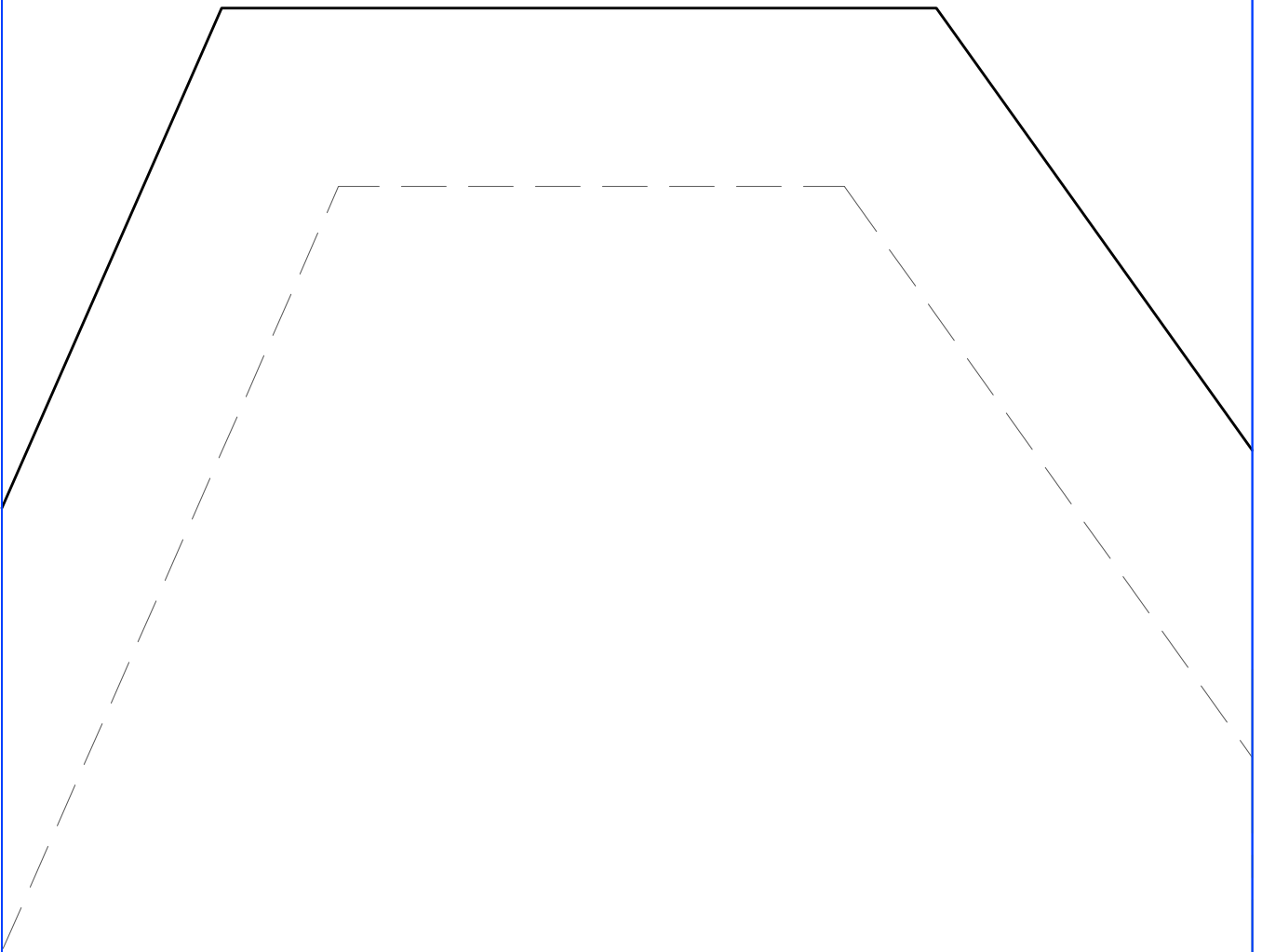
Approximate CG is  
18-1/4" back from  
the tip of the nose.



P8

Right Vertical Stabilizer (Mount @ 68°)  
(Make with Balsa, Foam Board or Depron)





P10

**Main Wing Piece**

**(Make with 15mm EPP Foam)**

P11

P12

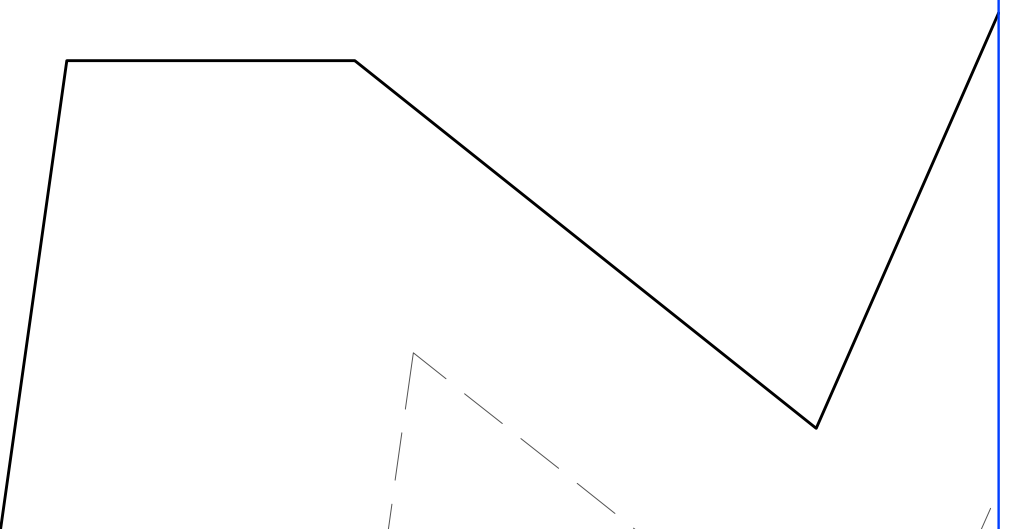
Bevel Line. Standard 1" offset Bevel along all edges except tall edges.



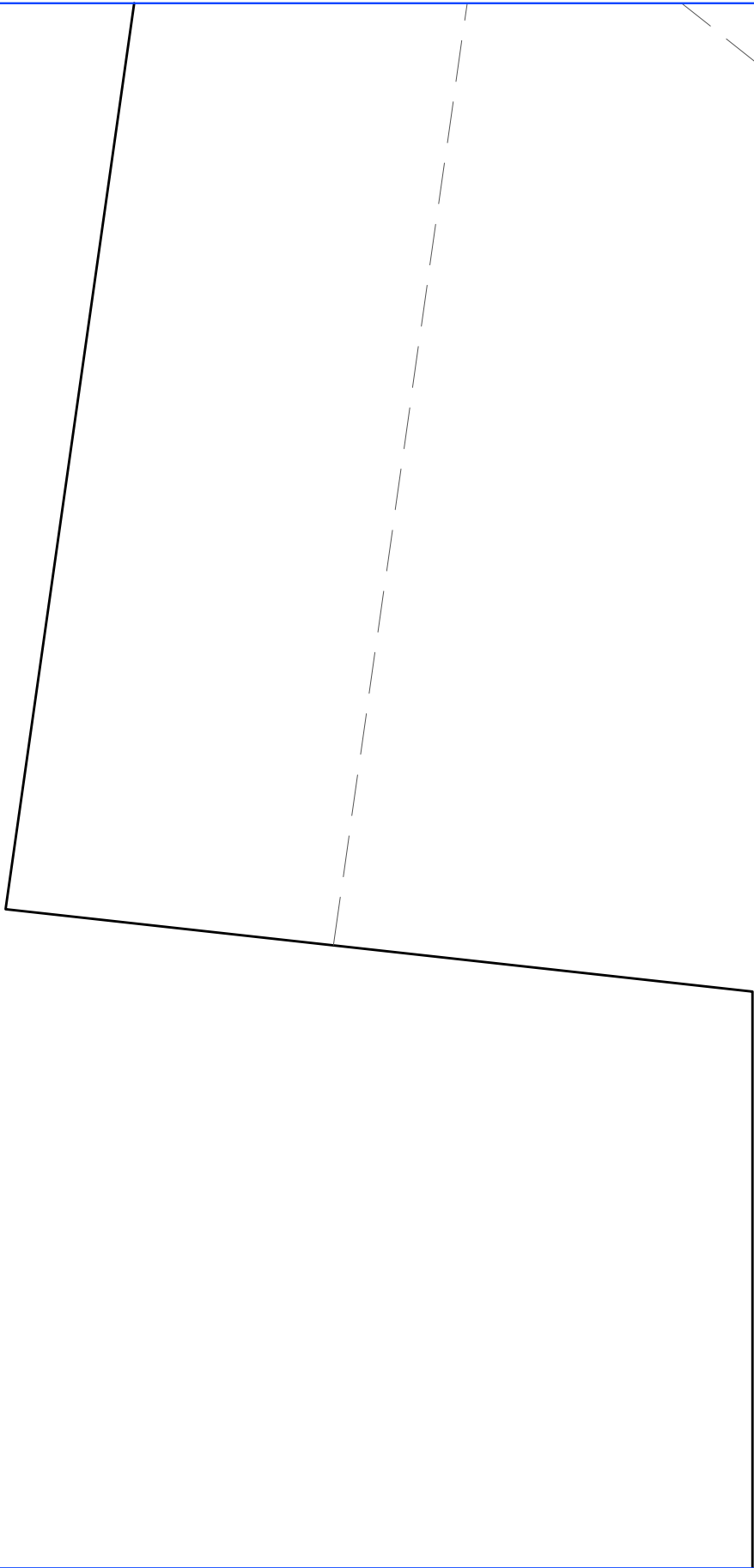


P 13

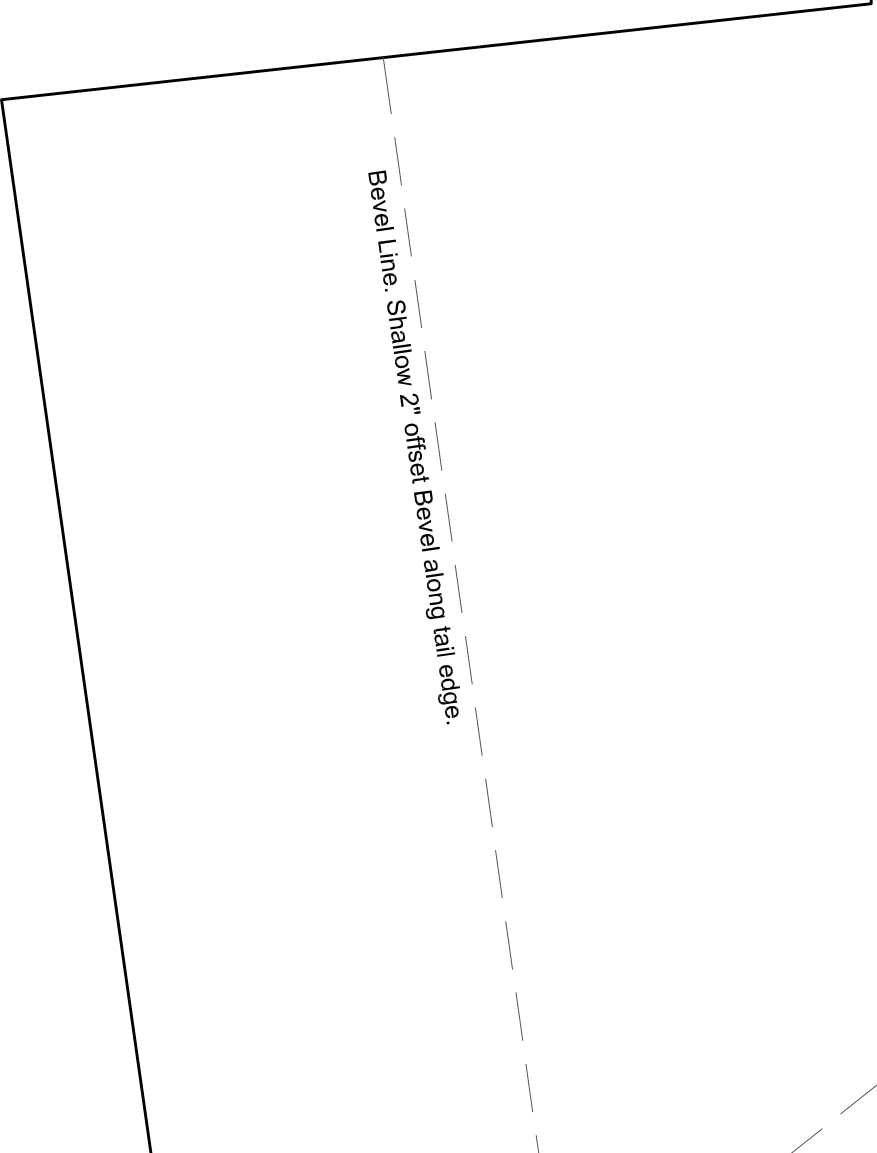
Left Elevon  
(Make with  
Balsa, Foam  
Board or  
Depron)



P14

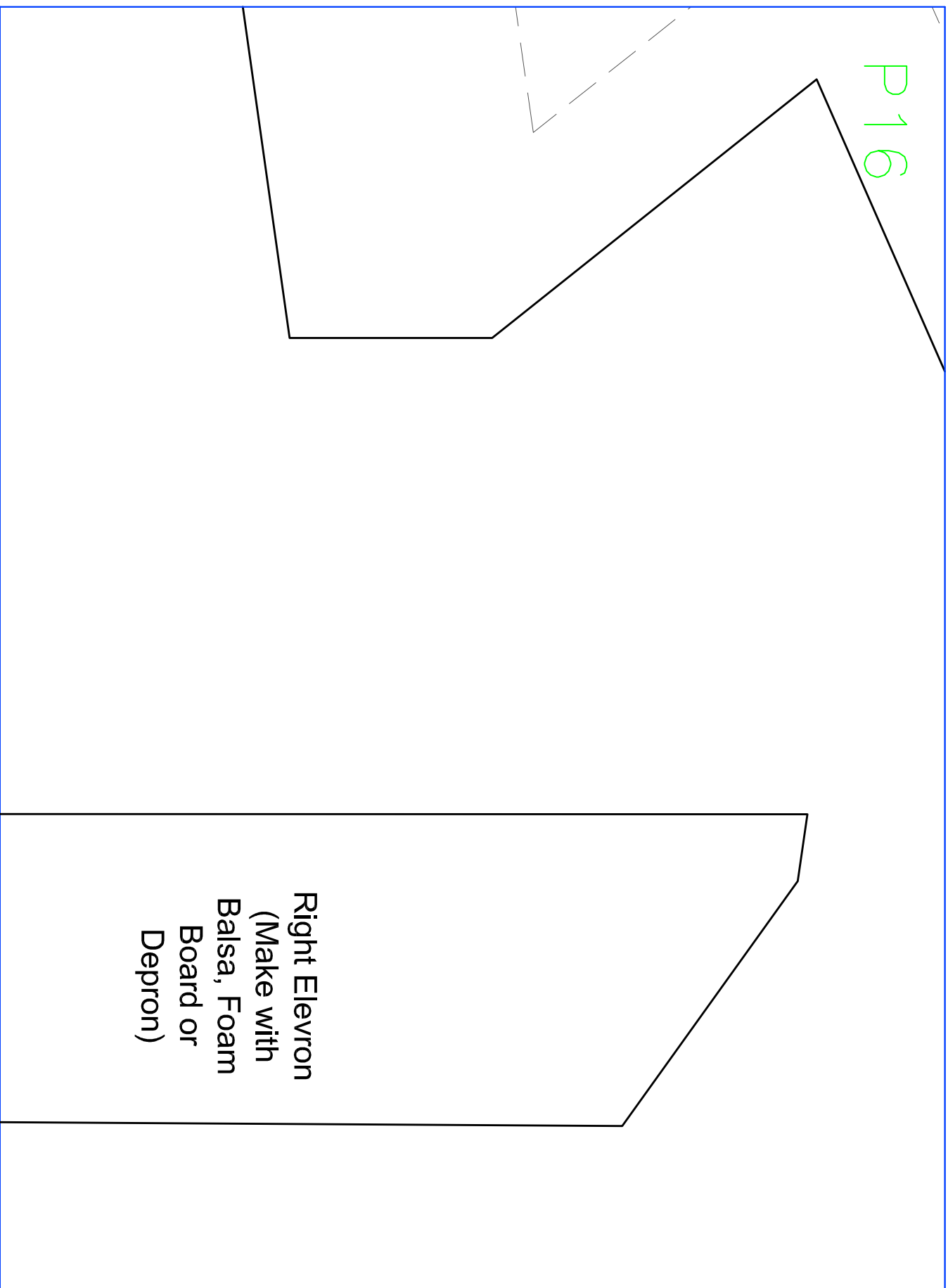


P 15

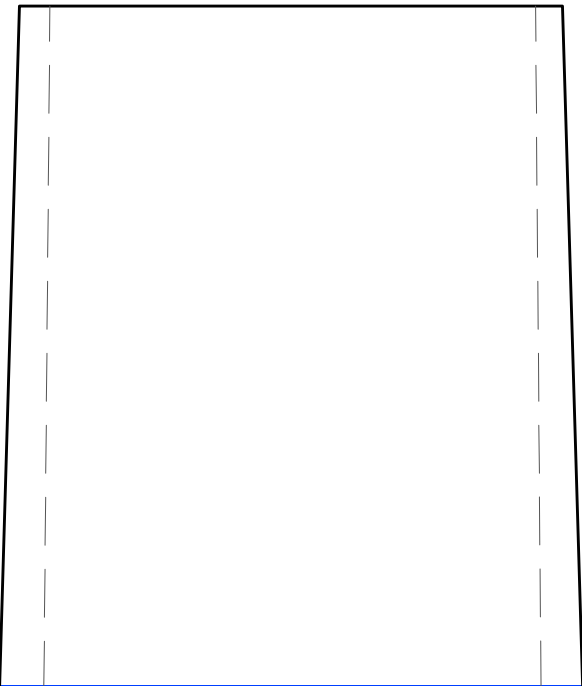
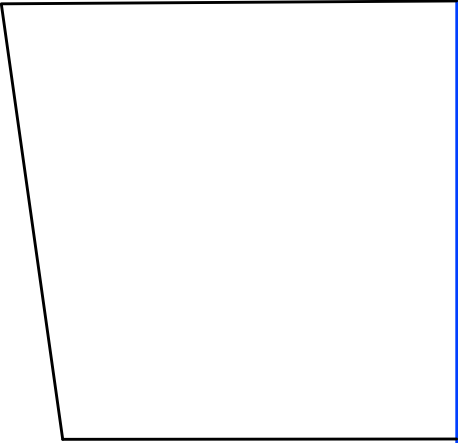


P 16

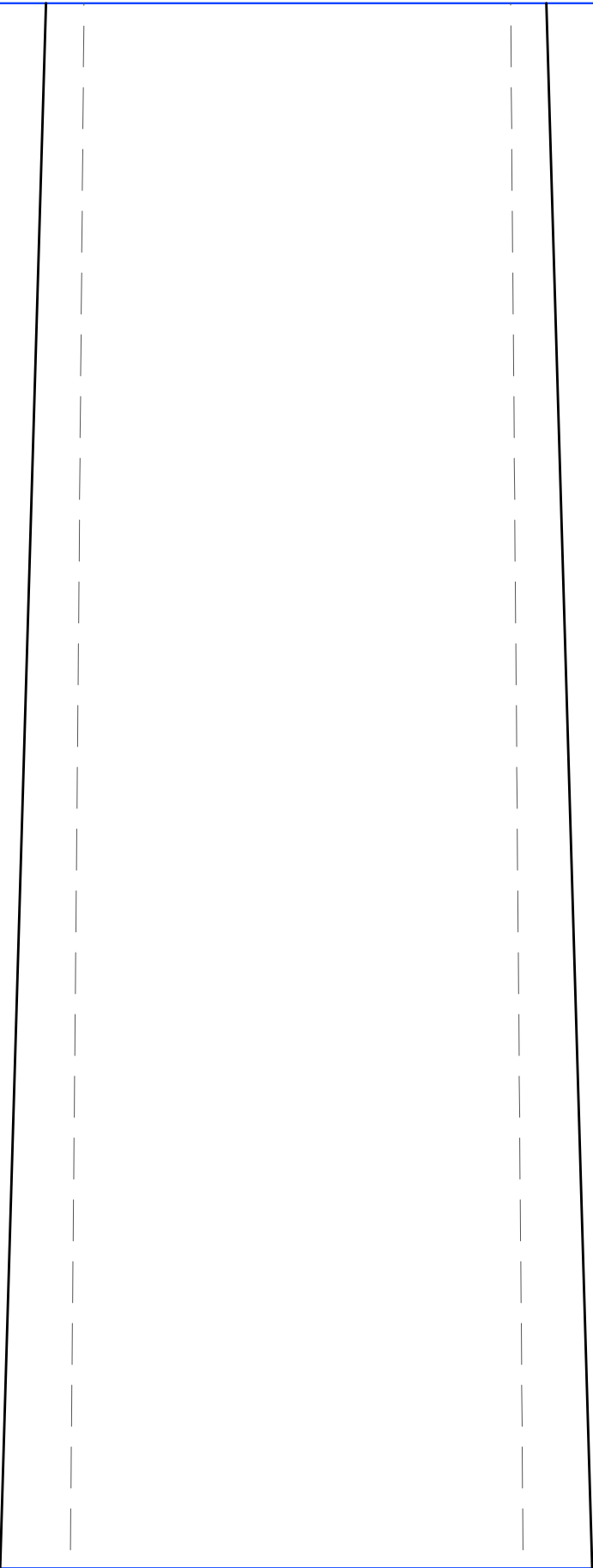
**Right Elevon  
(Make with  
Balsa, Foam  
Board or  
Depron)**



P17



P 18



# P 19

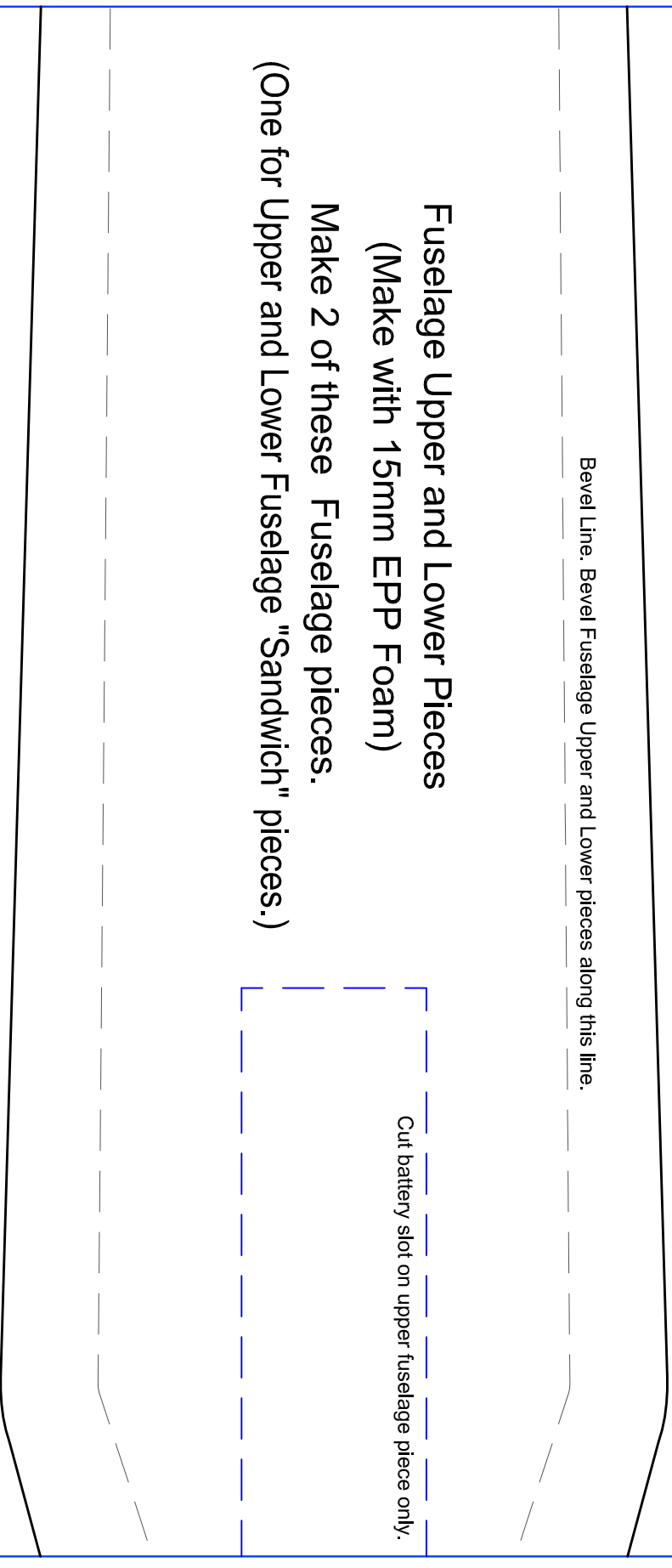
Bevel Line. Bevel Fuselage Upper and Lower pieces along this line.

**Fuselage Upper and Lower Pieces**  
(Make with 15mm EPP Foam)

Make 2 of these Fuselage pieces.

(One for Upper and Lower Fuselage "Sandwich" pieces.)

Cut battery slot on upper fuselage piece only.



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