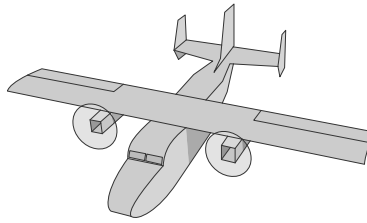


# The Twins



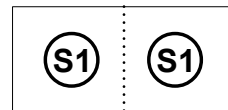
## Basic Info:

These plans were designed to be built with 5mm thick Fan-Fold-Foam. The plans include an optional tab and notch system for easy alignment (grey rectangles along some edges). I have not built this plane yet so I cannot guarantee the notches are perfect. I have done my best to calculate where they should be but I am no mathematician. I would recommend cutting out the tabs but doing a dry fit before cutting the notches.

## Plan Assembly:

Match together the dotted lines in accordance to their letter number symbol. Do not cut the dotted lines in the foam. Also do not cut dashed or center lines.

Eg. Match S1 with S1 along the dotted line.



## Specifications:

Wingspan: 57" (144cm)

Length: 43" (109cm)

Weight: 24oz (680g)

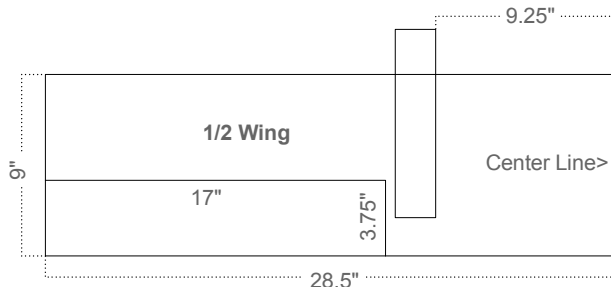
Motors: 24g BlueWonder

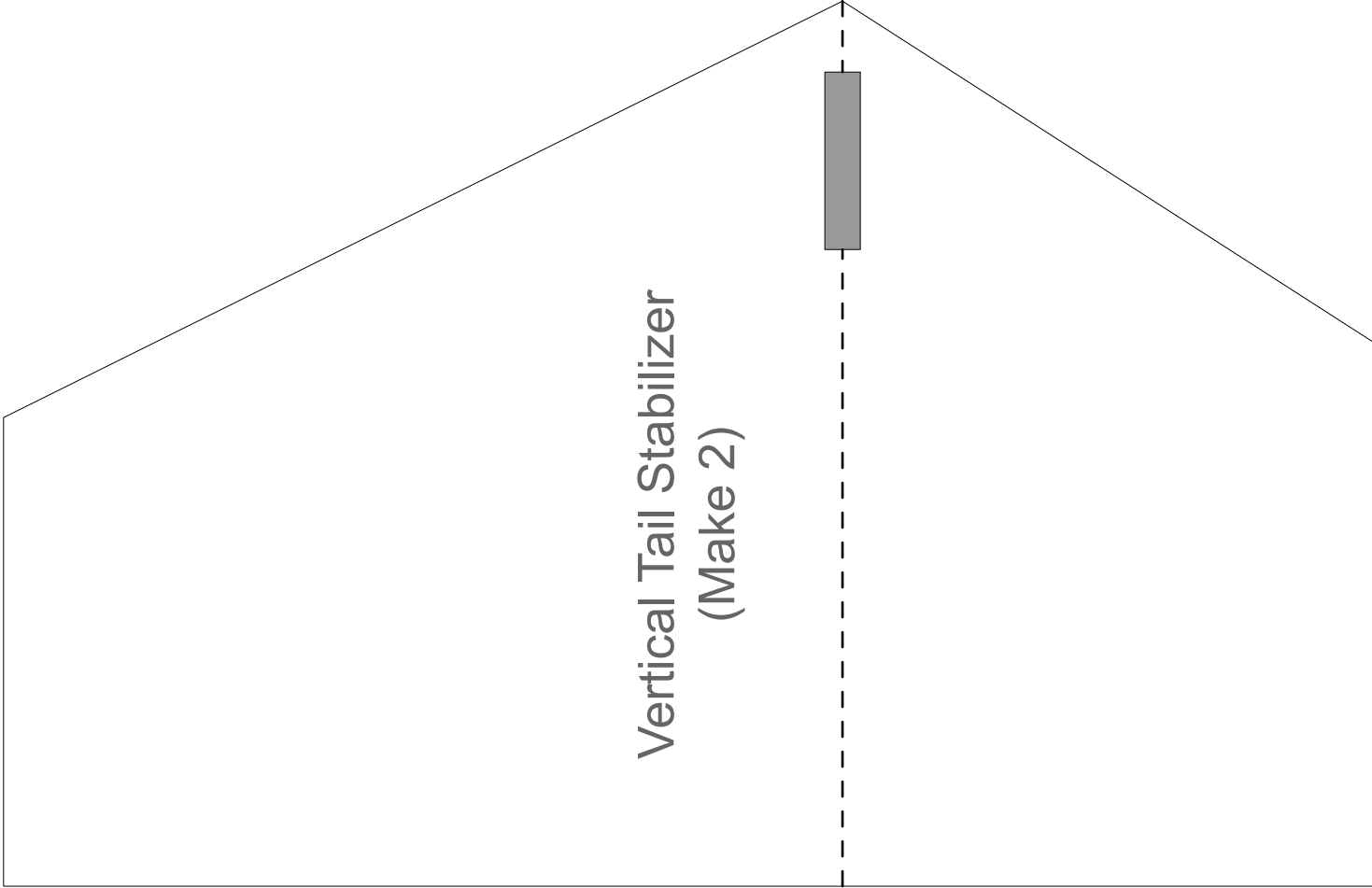
Servos: HXT 9g (5g for ailerons)

Battery: 800-1300mAh 3 cell LiPo

## Wing Construction:

To make the wing simply cut a rectangle 57" long by 9" wide. Ailerons are 17" long by 3.75" wide. The inside wall of each engine pod should be 9.25" from the center of the wing. Strengthen the wing by adding carbon or wood rod to the leading and trailing edges or by adding a spar at the CG. Note: If using FFF you will have to make the wing in two halves joined at the center, normal sheets aren't long enough. See diagram below:



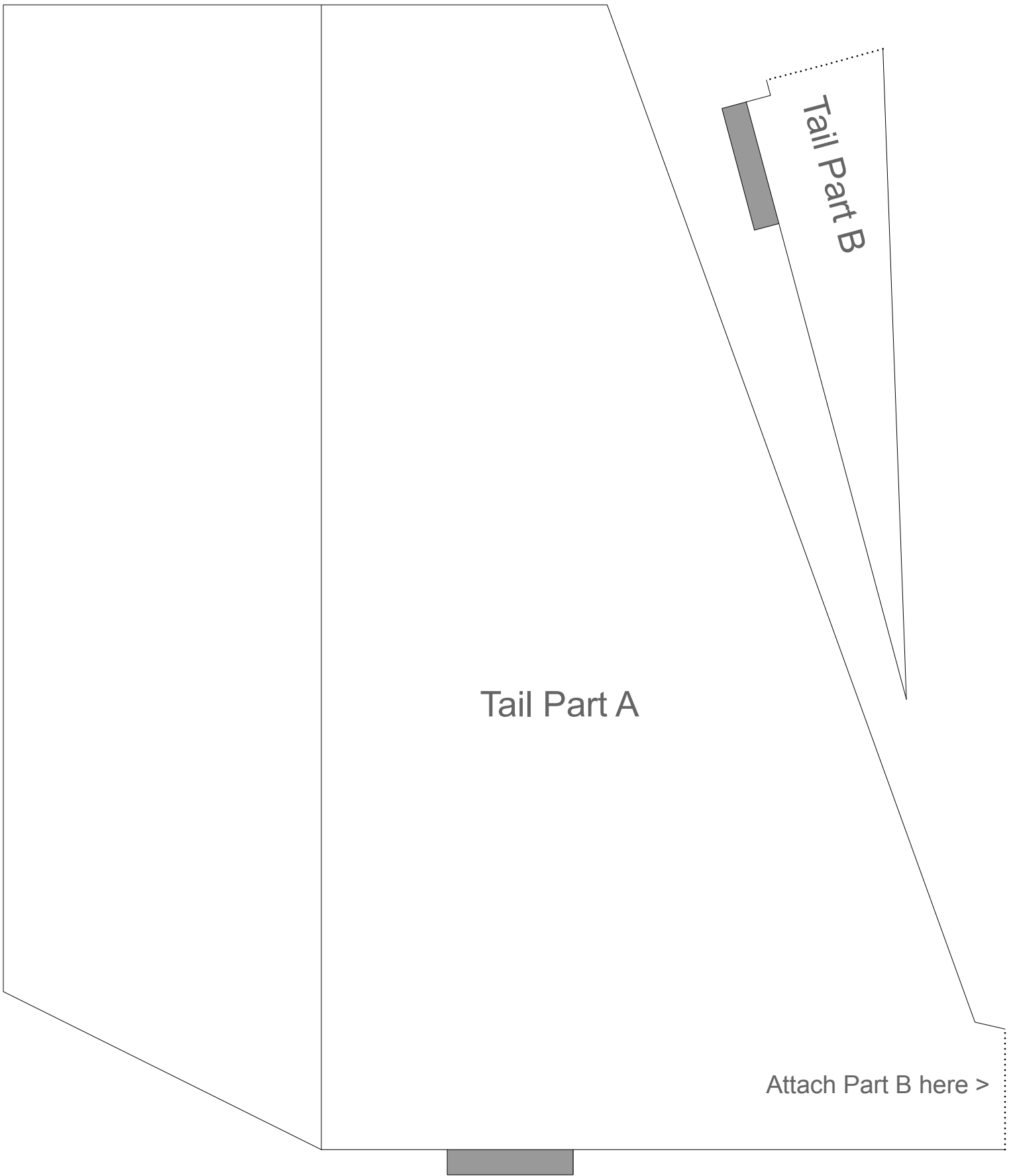


^ Flip along dotted line to create second half. ^

## Elevator (1/2)

This should be a tab, not a notch,  
but it would not fit on the paper  
so invert it when you make your plans

>



Engine  
Top  
(Make 2)

Fire Wall  
(Make 2)

Engine  
Bottom  
(Make 2)

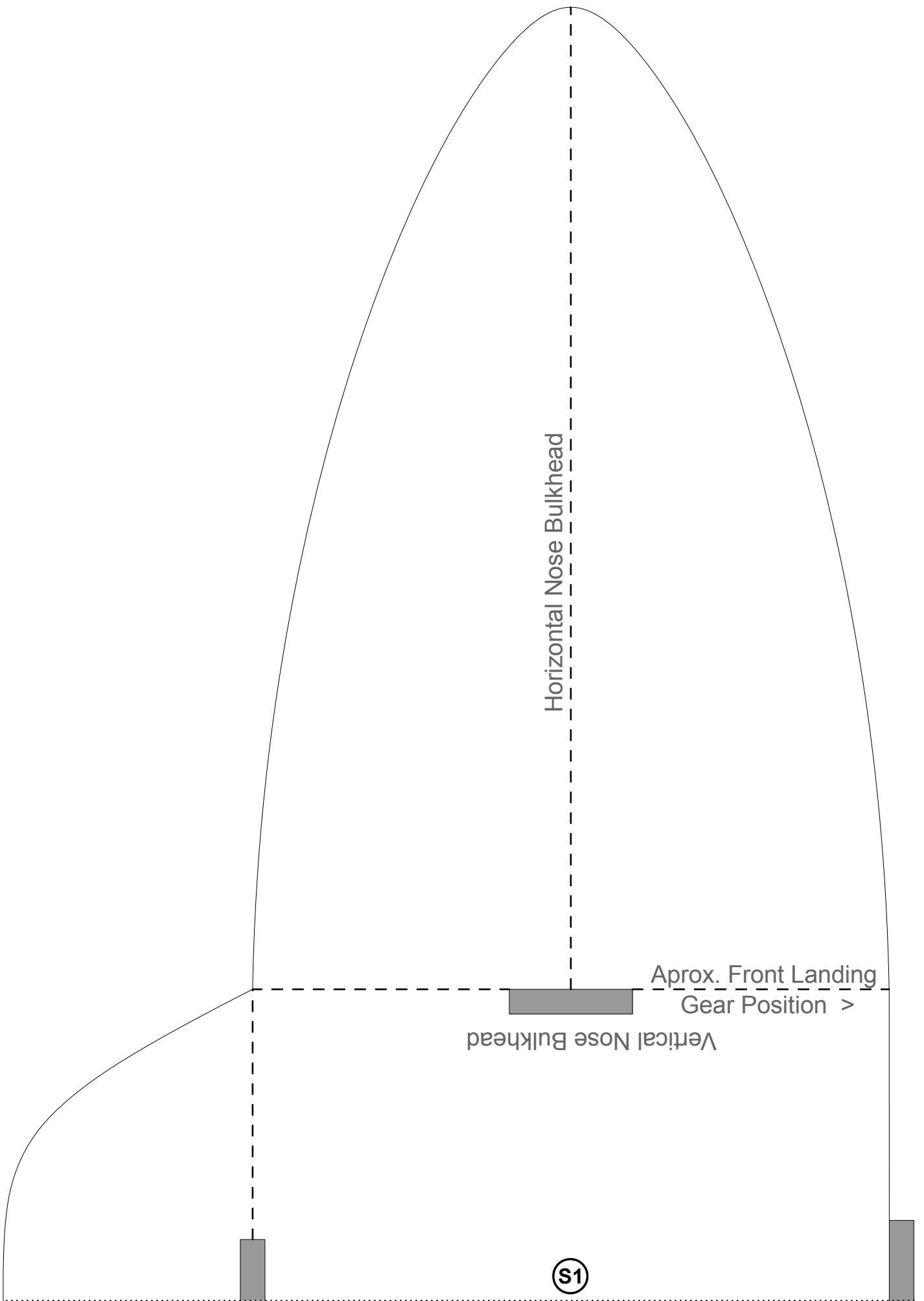
Top and bottom  
pieces are to be  
sandwiched  
between  
the side pieces.

Fold at this line

Firewall

Engine Side  
(Make 4 - Flip 2)

Attach This >  
< Here

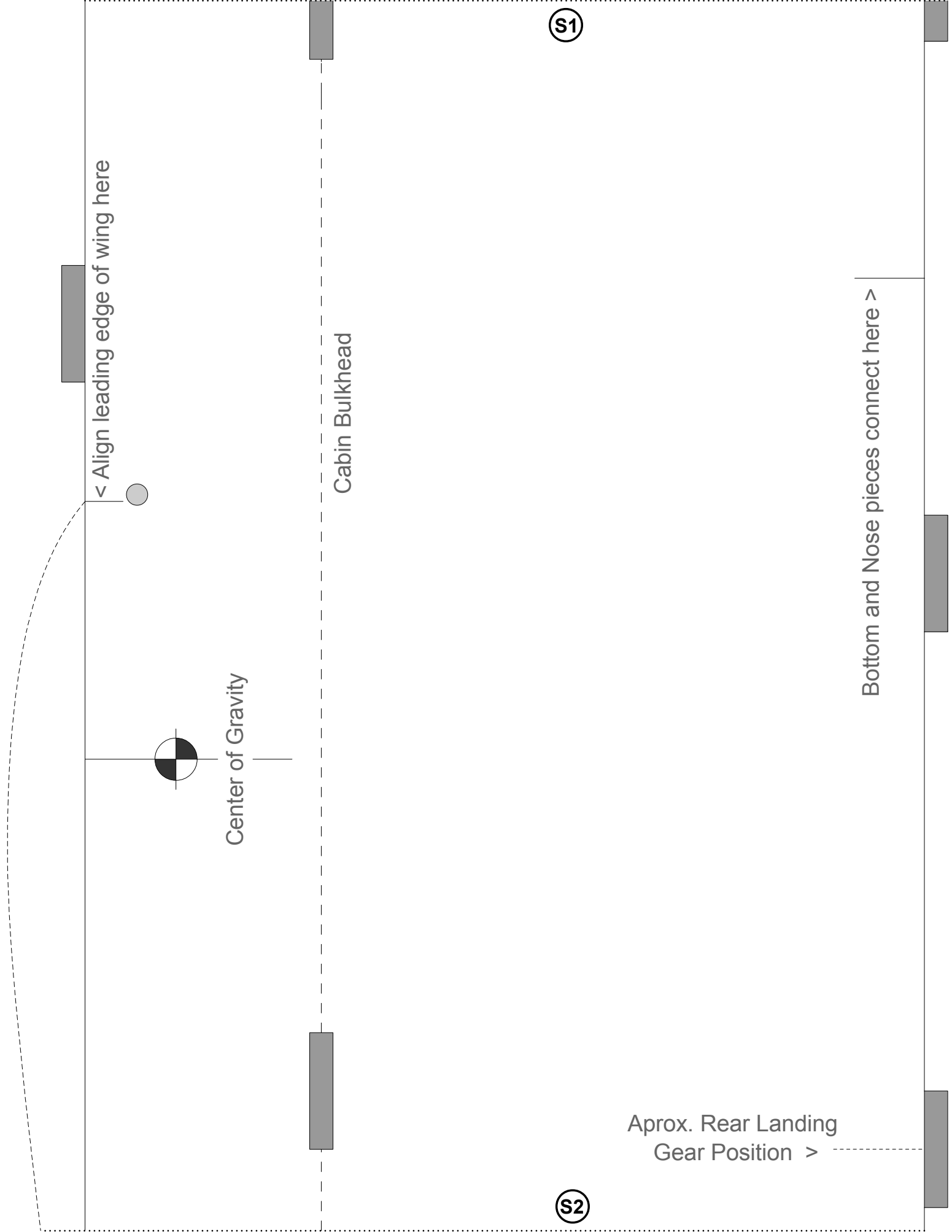


Horizontal Nose Bulkhead

Aprox. Front Landing  
Gear Position >

Vertical Nose Bulkhead

S1



S2

● < Dowel for attaching wing  
with rubber band



S3



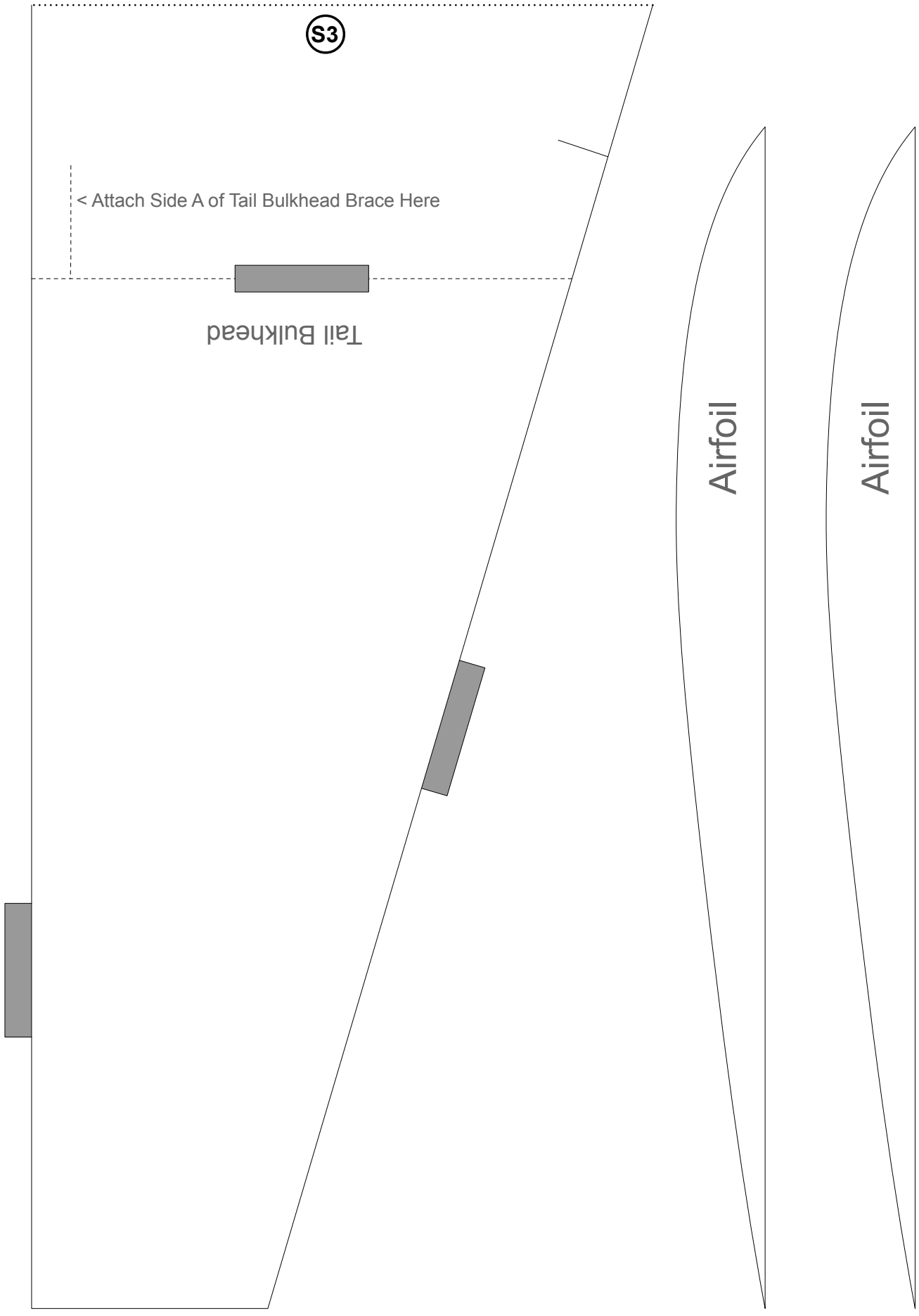
S3

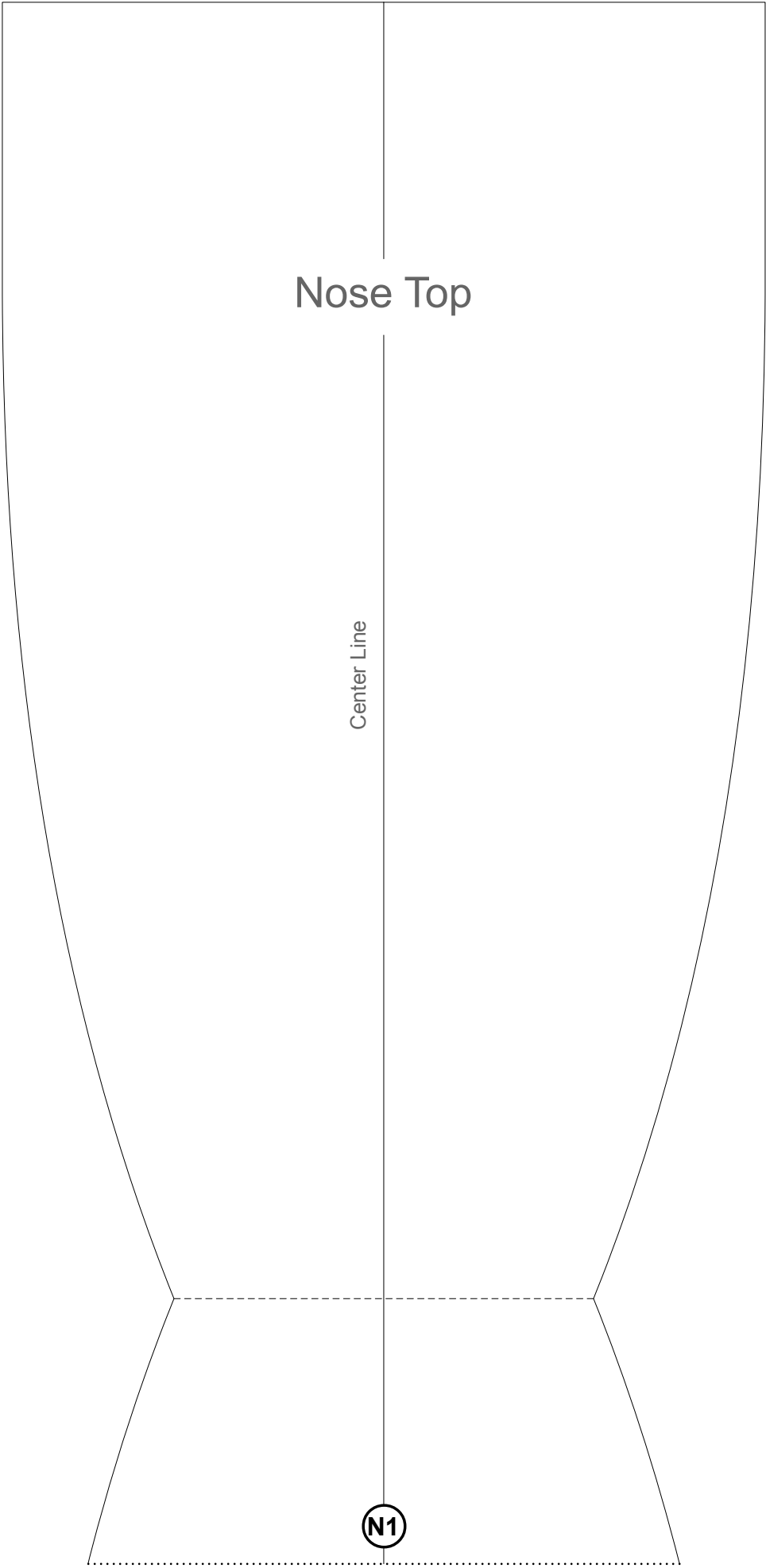
< Attach Side A of Tail Bulkhead Brace Here

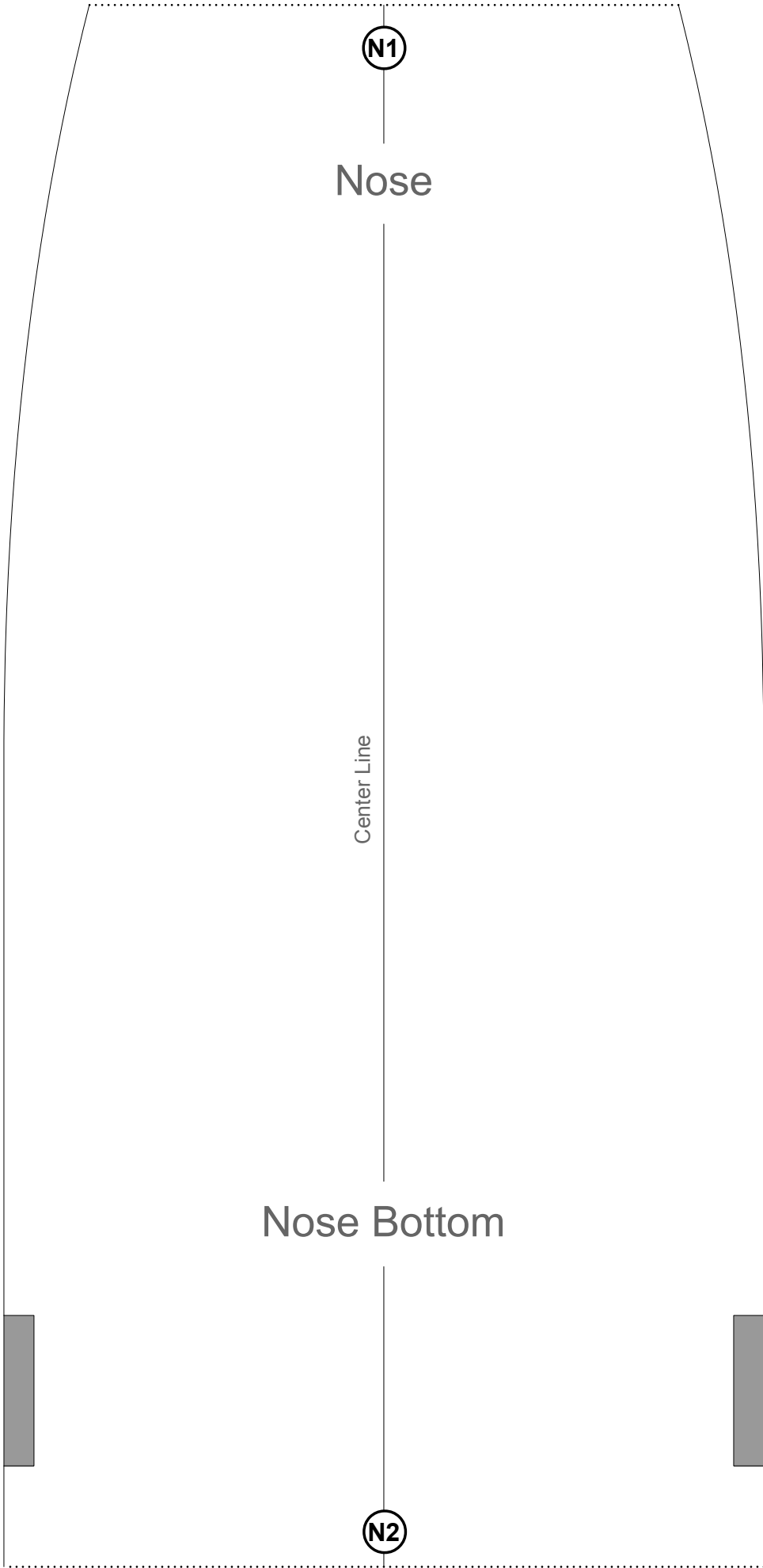
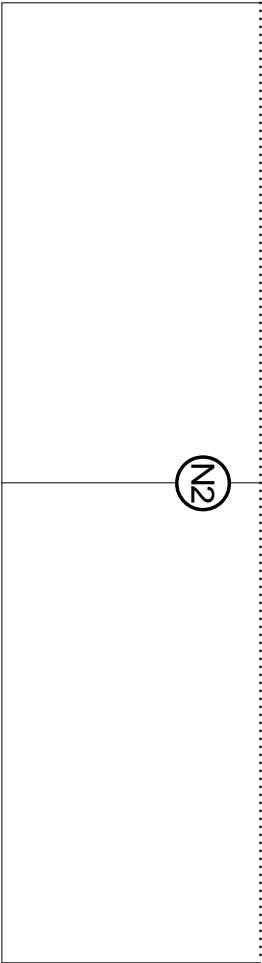
Tail Bulkhead

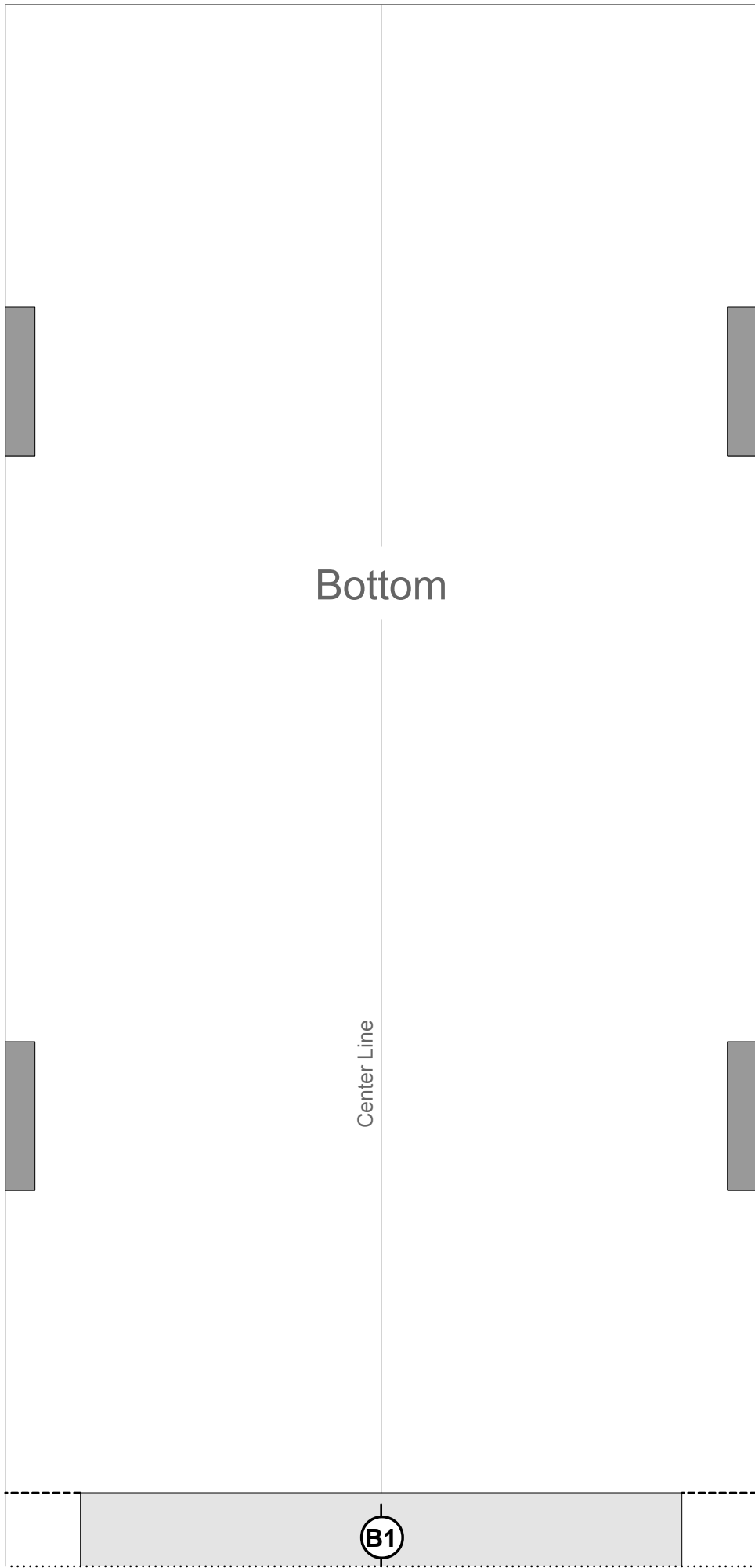
Airfoil

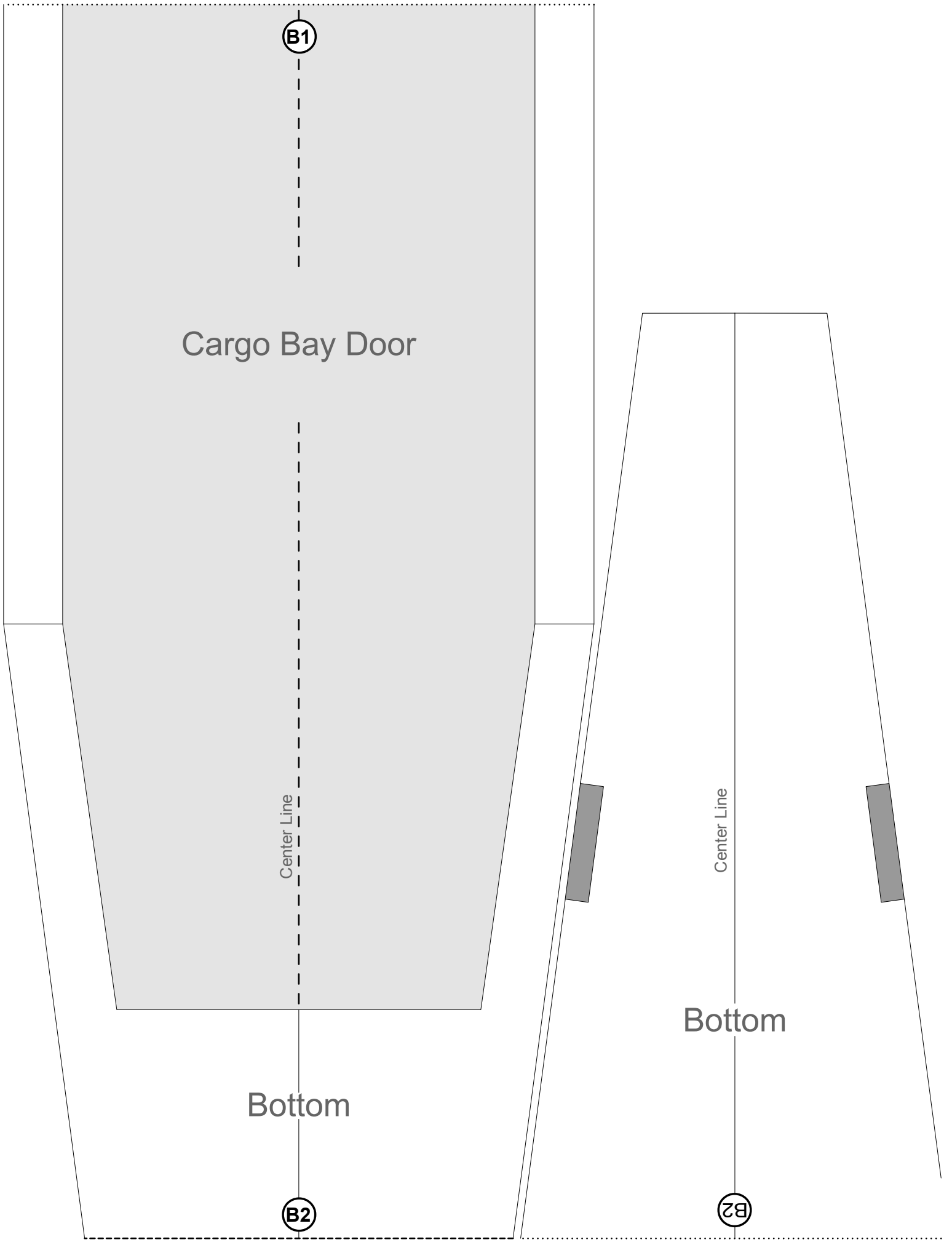
Airfoil











B1

Cargo Bay Door

Center Line

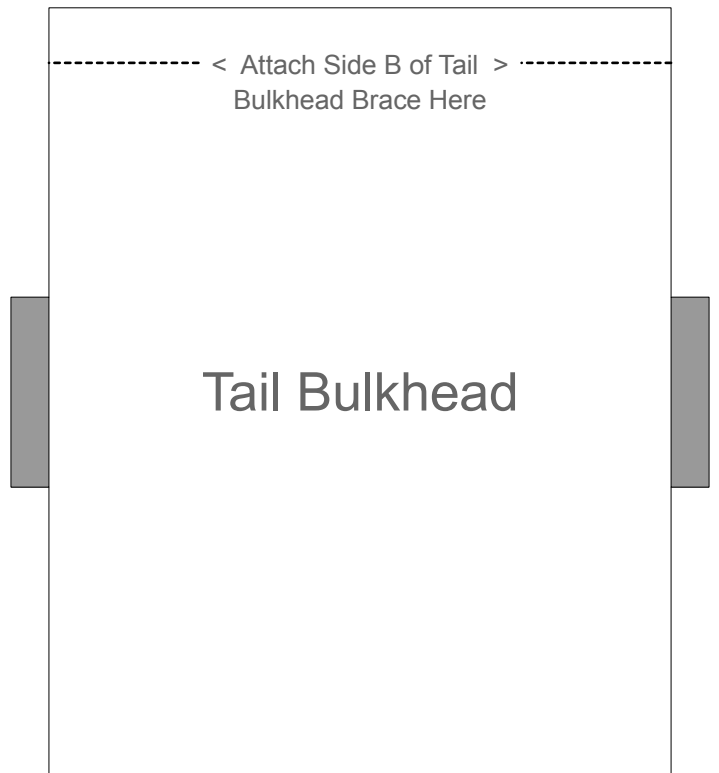
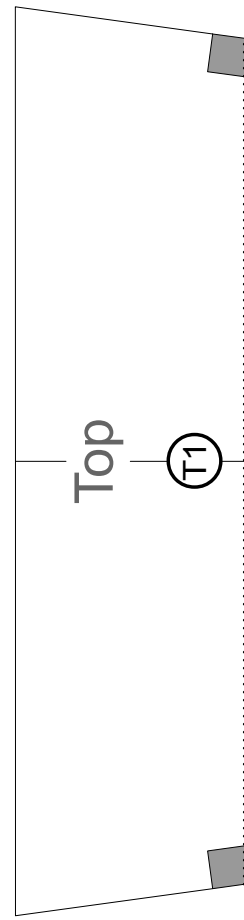
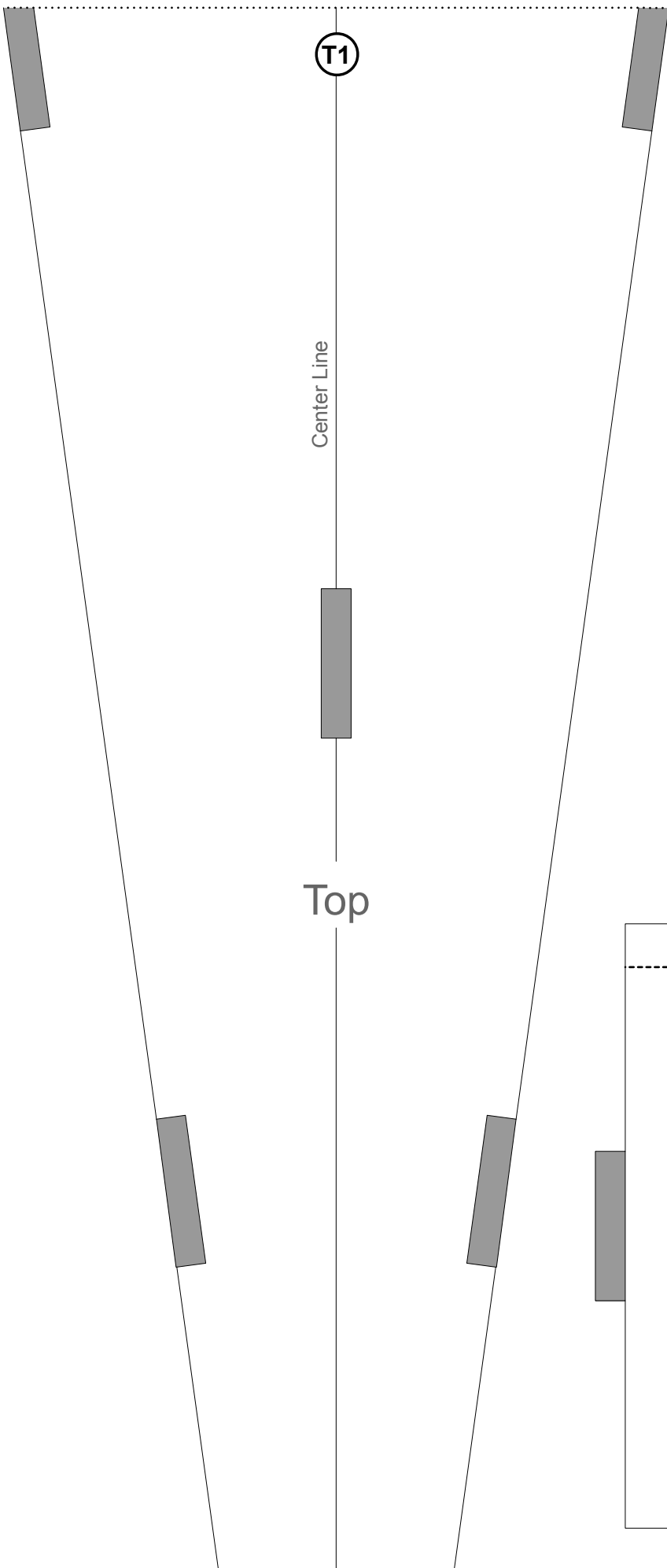
Bottom

B2

Center Line

Bottom

B2



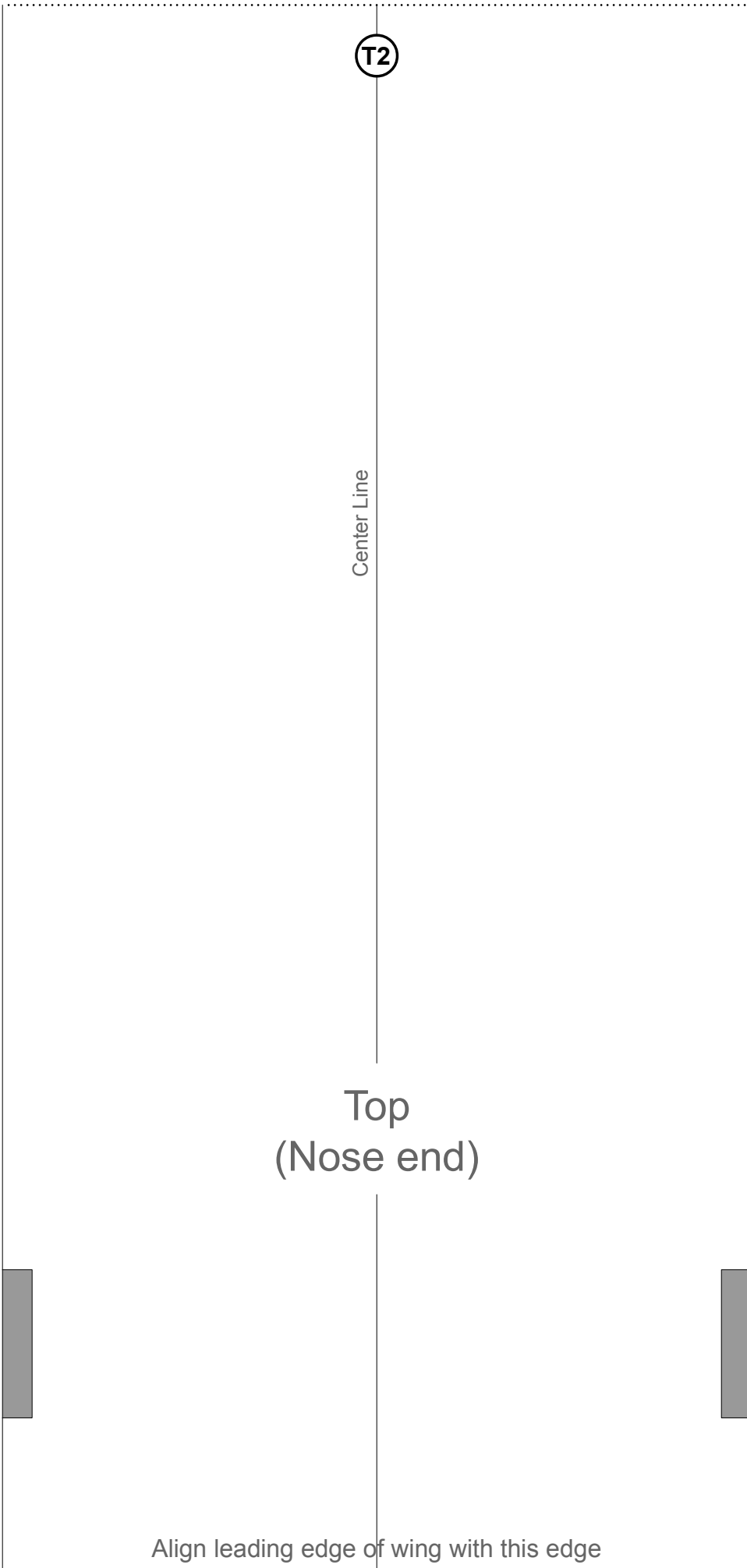
T2

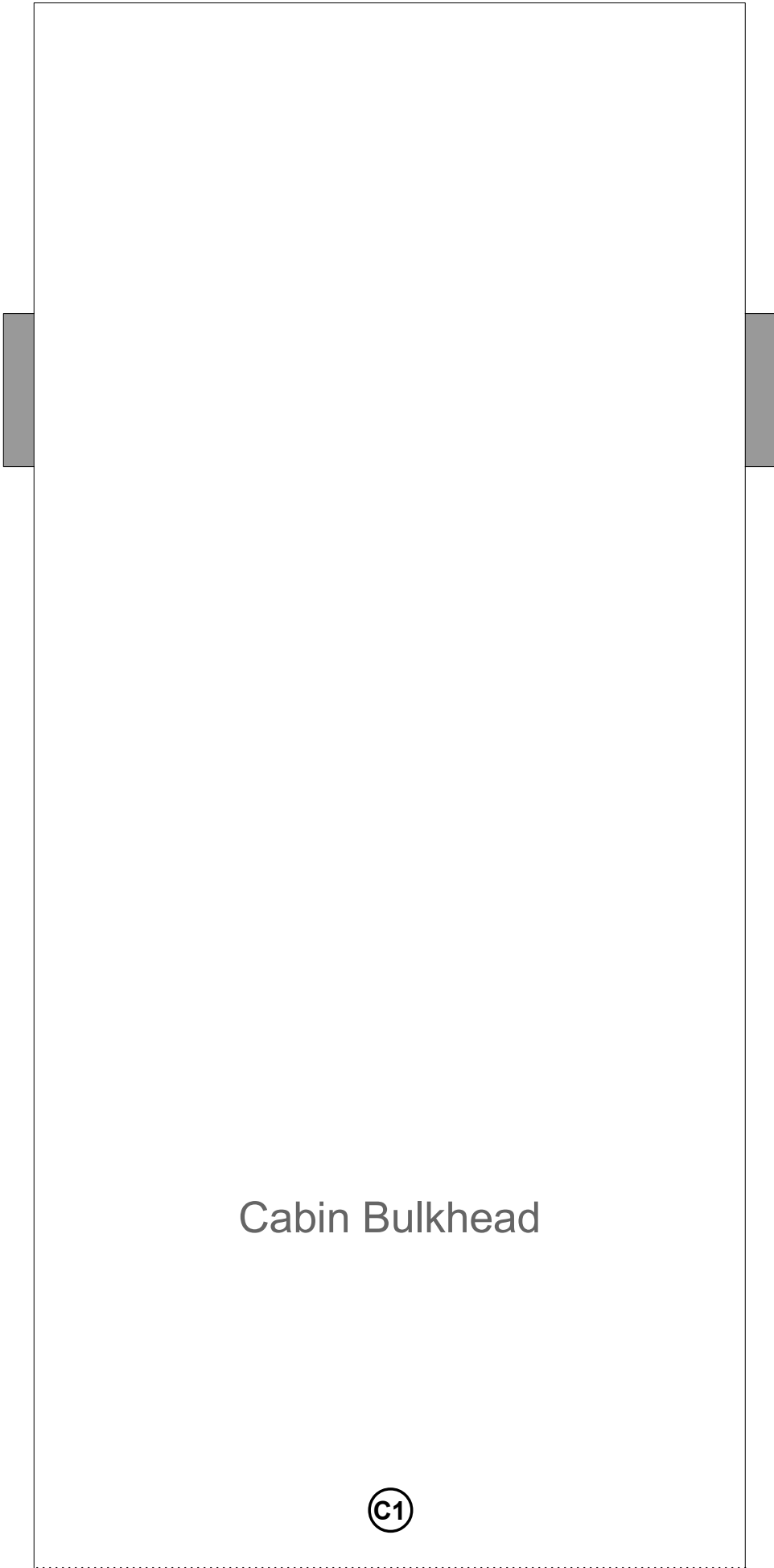
Center Line

Top  
(Nose end)

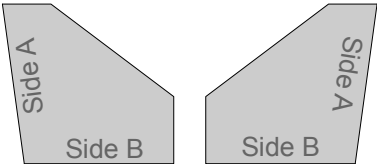
T2

Align leading edge of wing with this edge

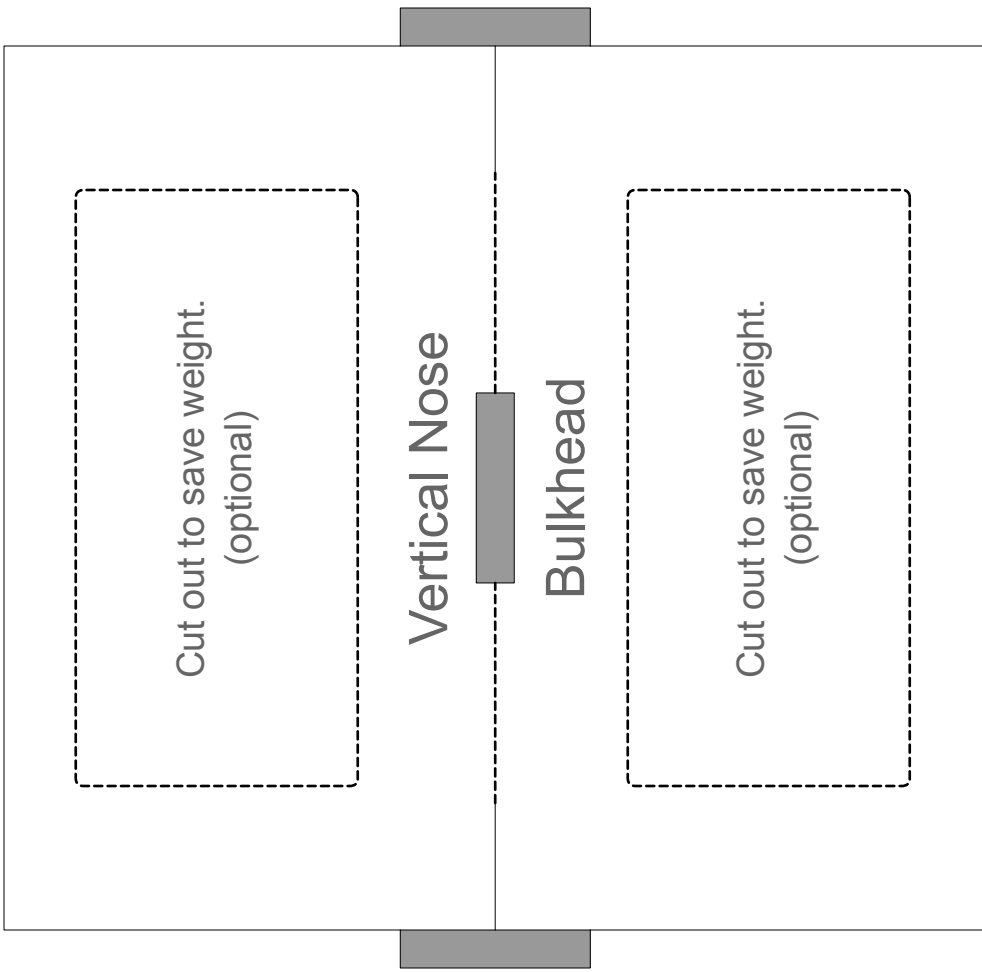
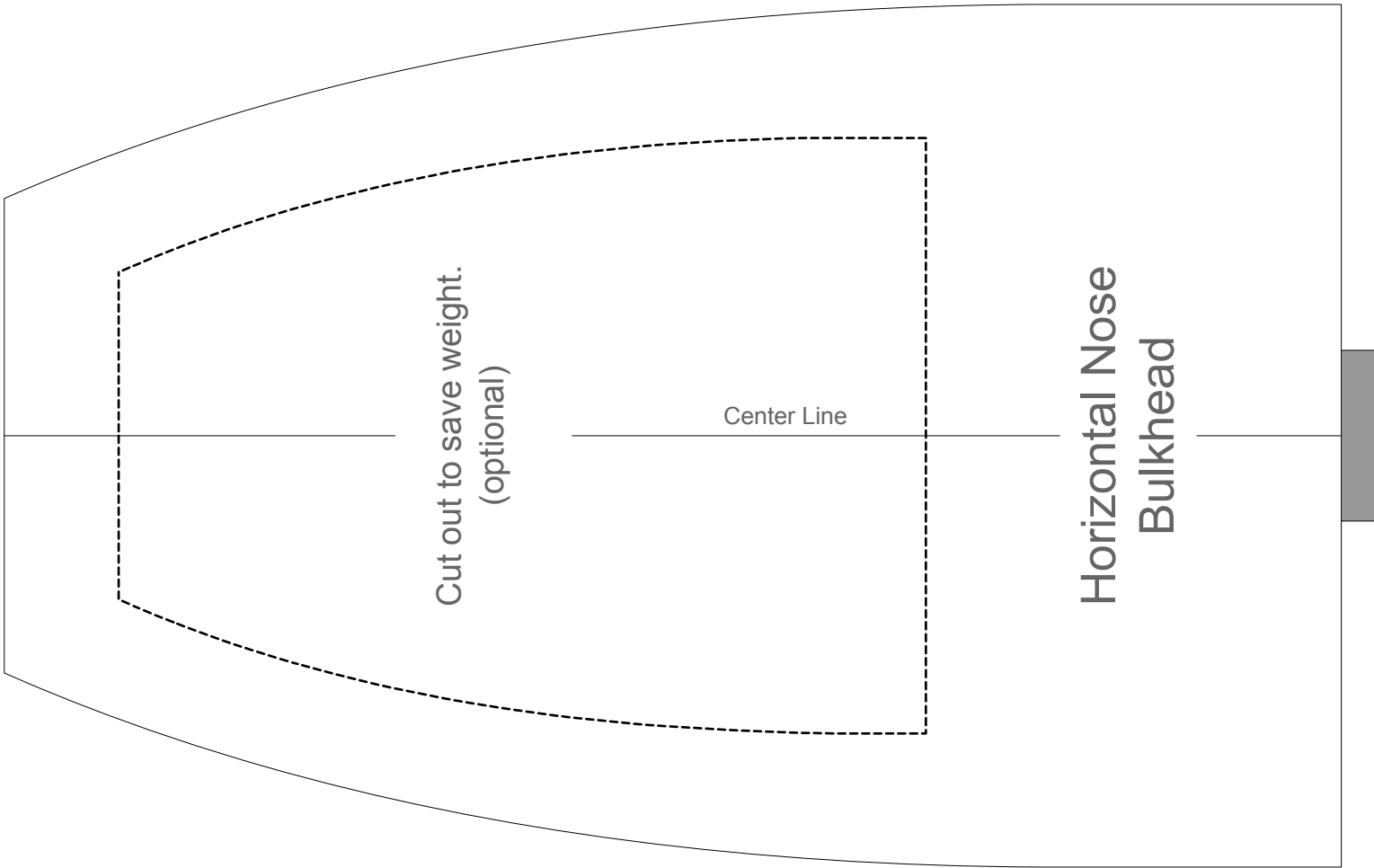




Tail Bulkhead Brace

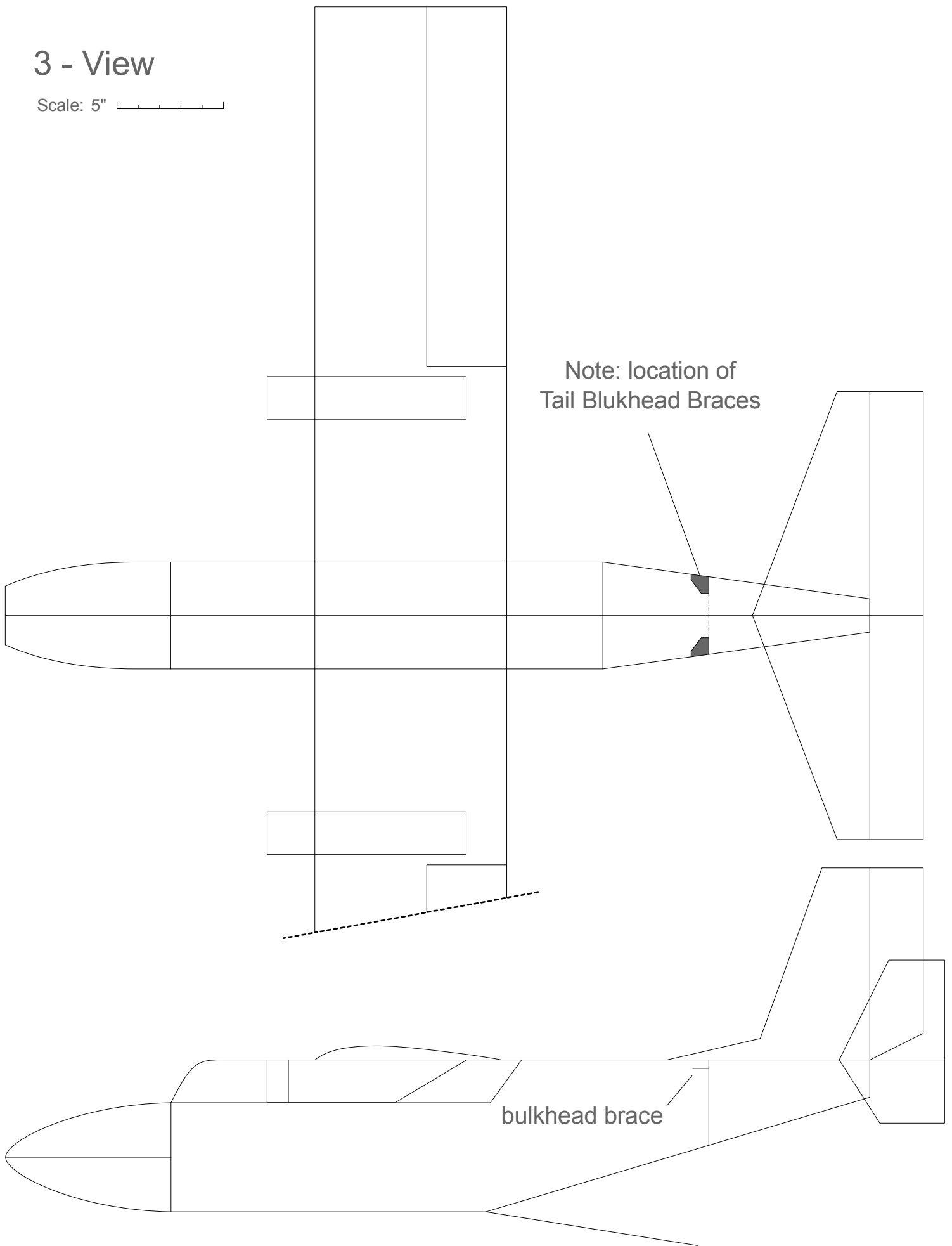






# 3 - View

Scale: 5" 



Note: location of  
Tail Bulkhead Braces

bulkhead brace