

Wing  
Make 1

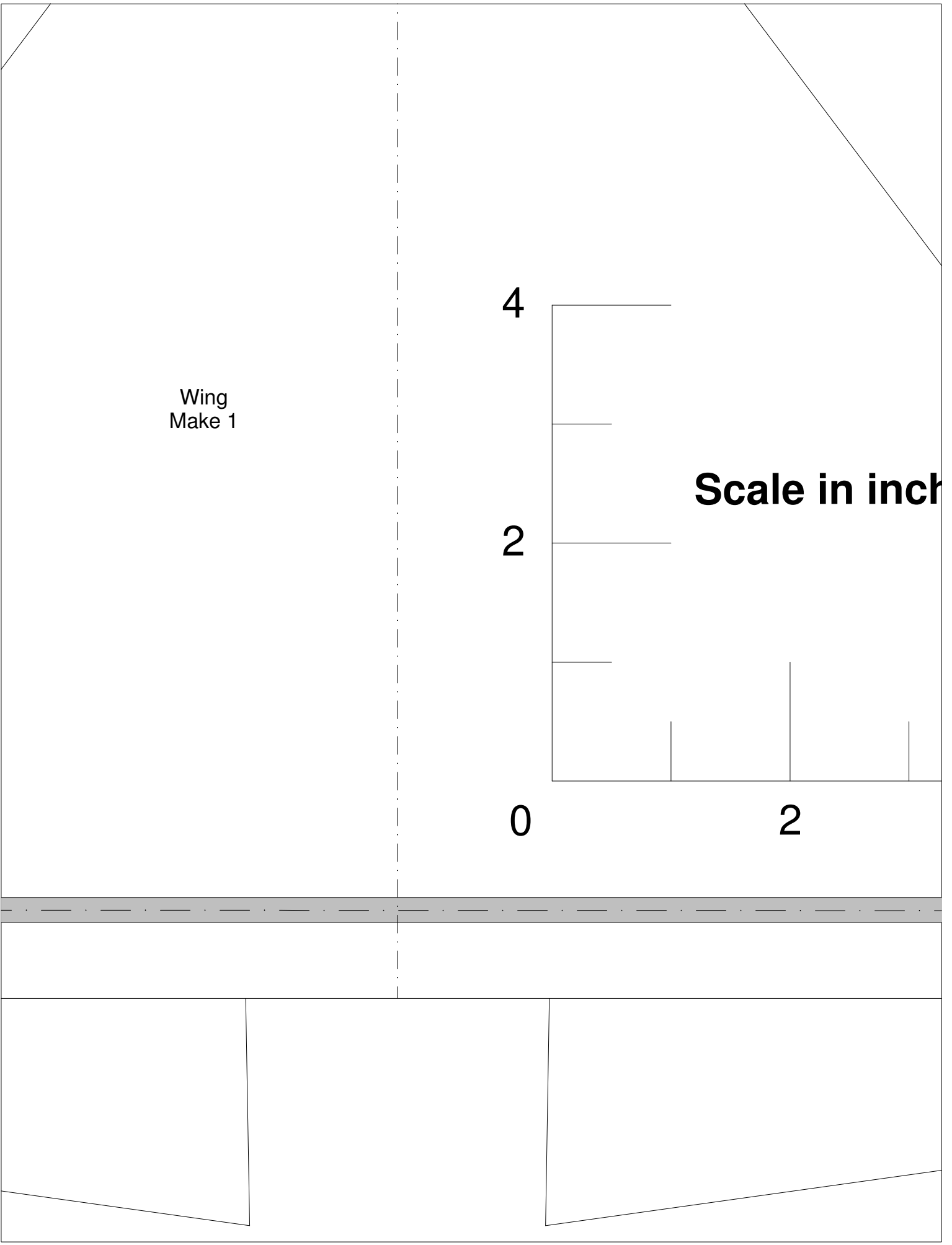
4

2

0

2

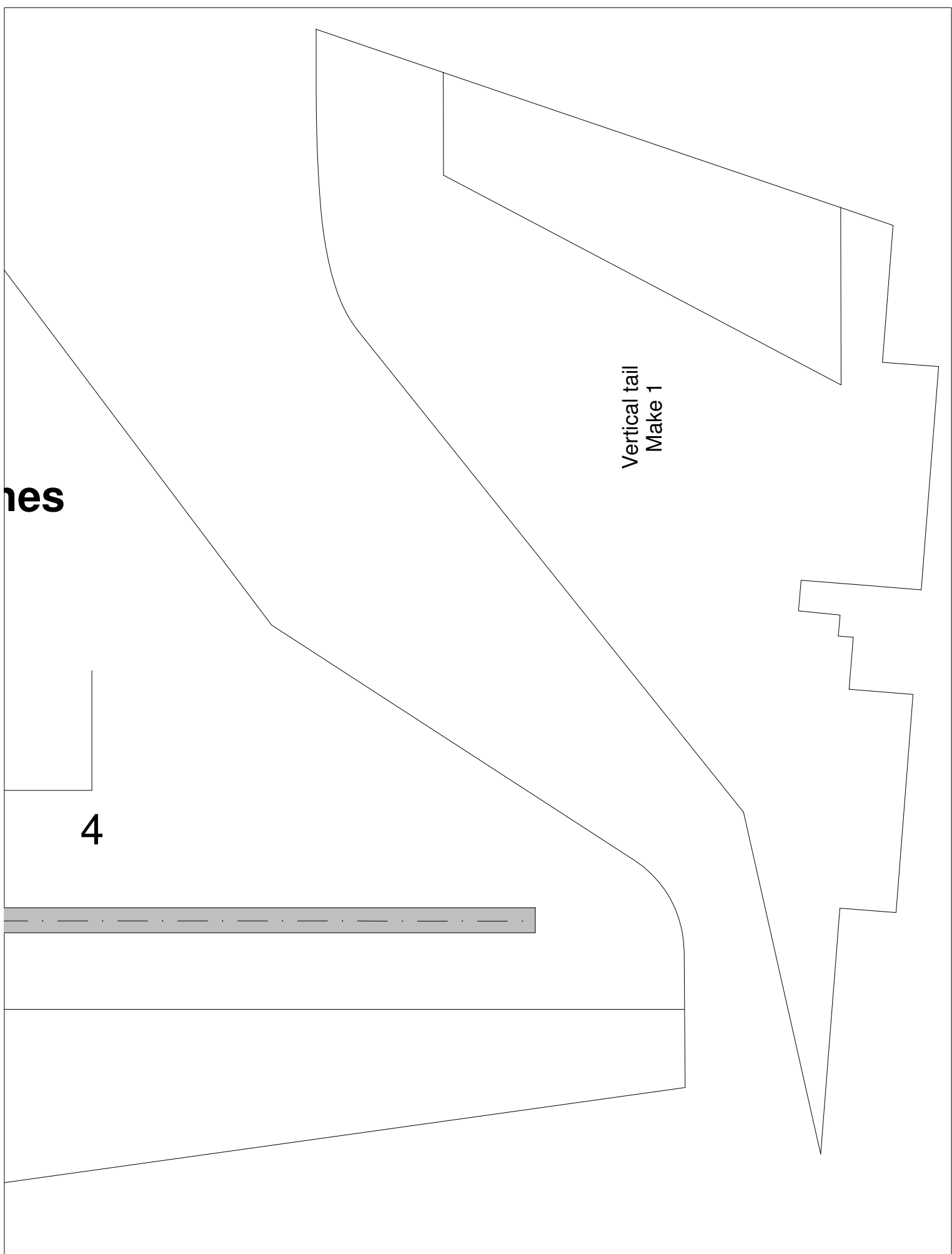
**Scale in inch**

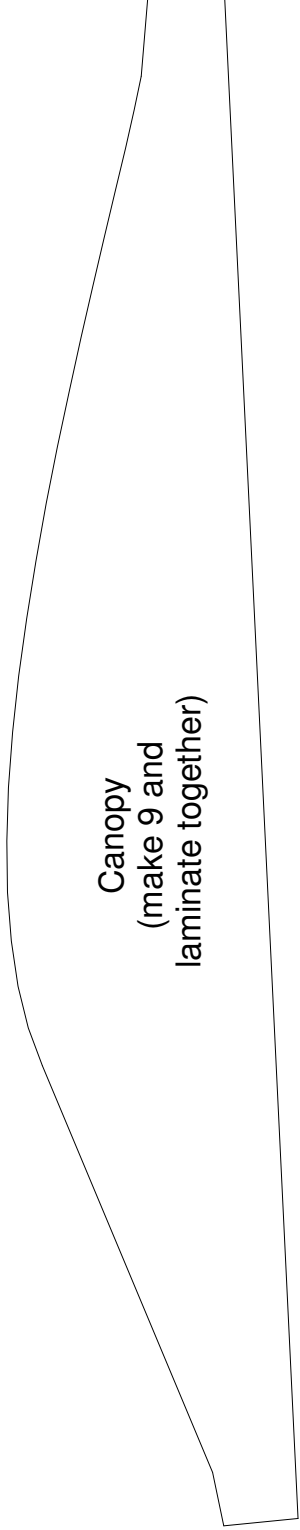


nes

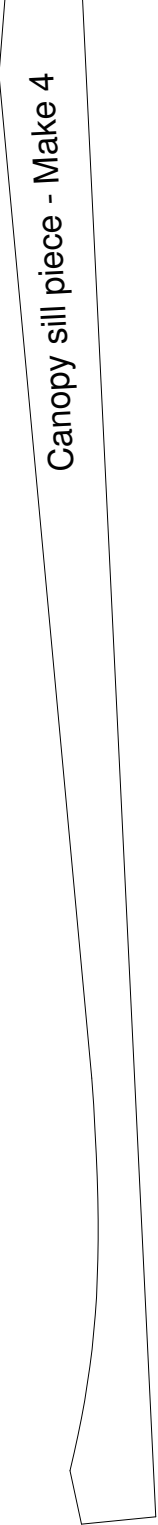
4

Vertical tail  
Make 1

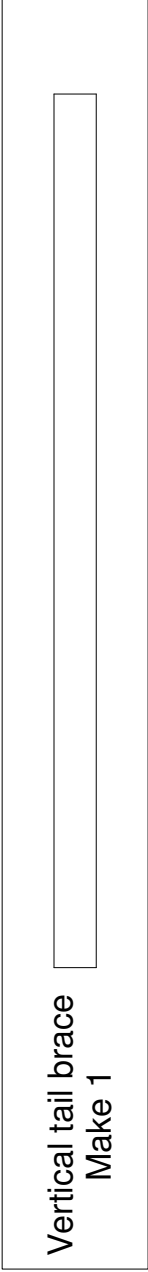




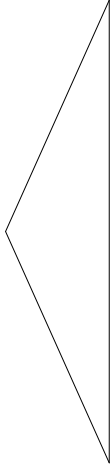
Canopy  
(make 9 and  
laminated together)



Canopy sill piece - Make 4



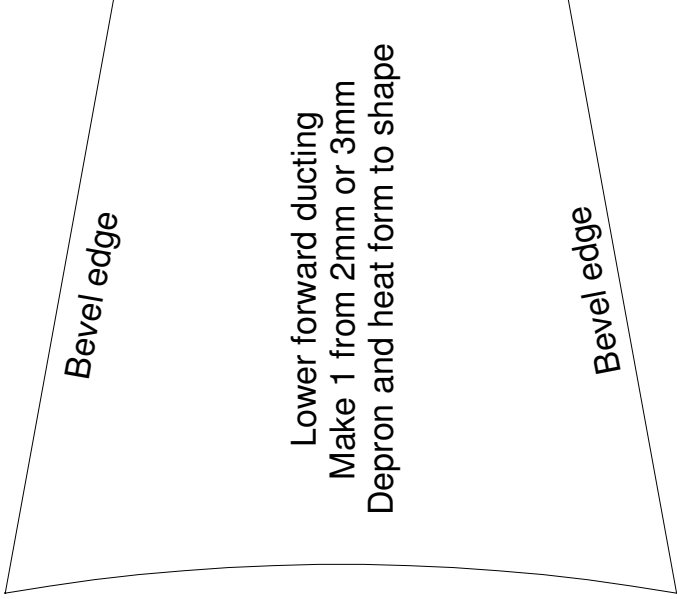
Vertical tail brace  
Make 1



Inlet diverter  
Make 1, 1/16" balsa



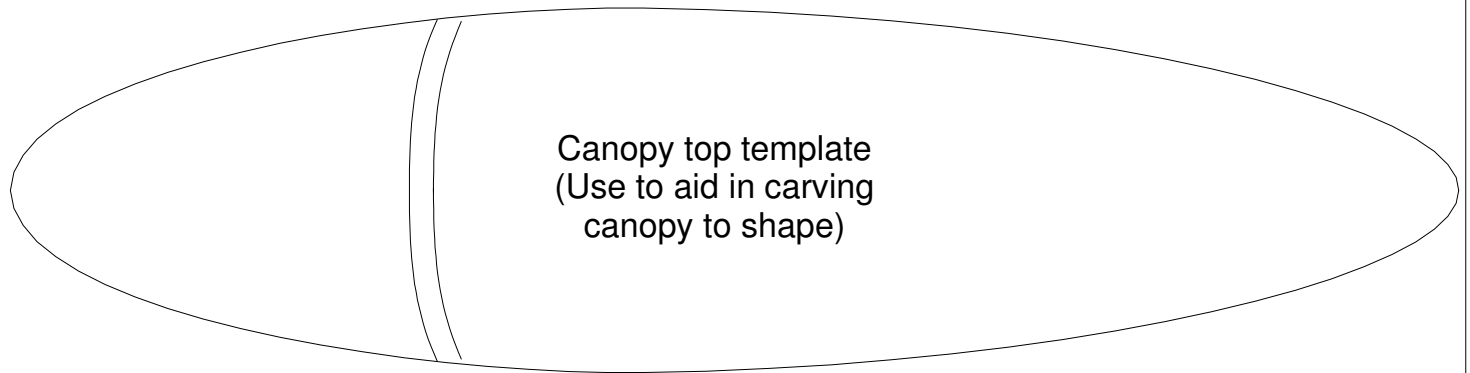
Inlet front top  
Make 1, 1/32" ply



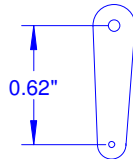
Bevel edge

Lower forward ducting  
Make 1 from 2mm or 3mm  
Depron and heat form to shape

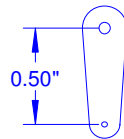
Bevel edge



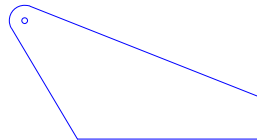
Rudder



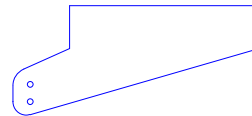
Elevator



Vane control arms  
Make 1 each from  
1/16" ply



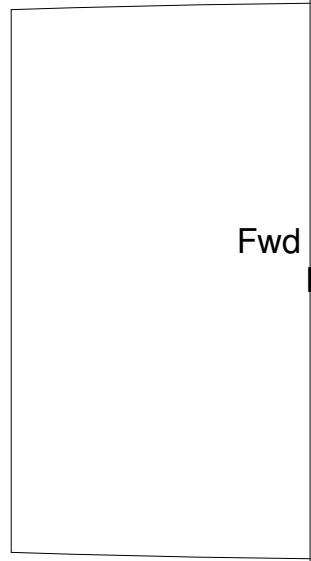
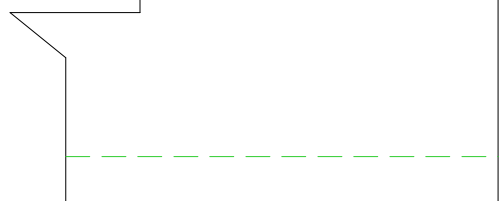
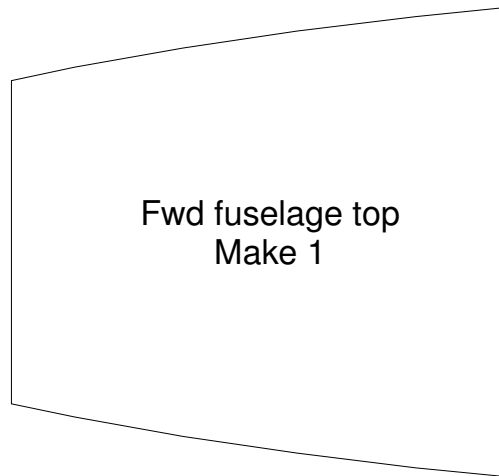
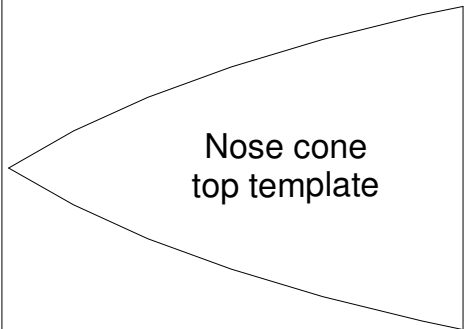
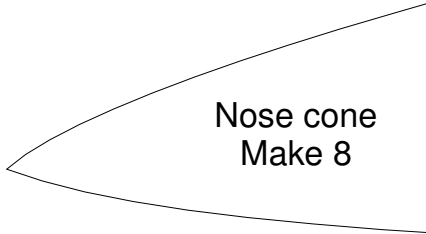
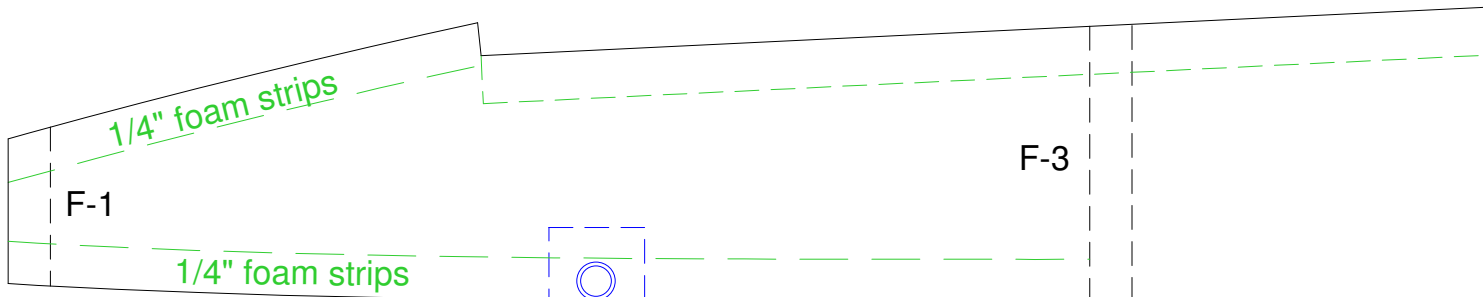
Elevon control arms  
Make 2 from 1/32" ply



Rudder control arm  
Make 1 from 1/32" ply

**All parts made from 6 mm Depron or  
BlueCore foam unless otherwise specified**

***X-31 Park Jet EDF***  
***Designed and drawn by Steve Shumate***  
***Copyright © 2006 All Rights Reserved***



1/4" foam strips

1/2" + 1/4" foam strips

Fuselage sides  
Make 2

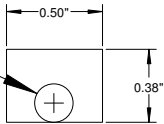
F-4

1/4" balsa triangle stock on bottom

inlet bottom  
Make 1

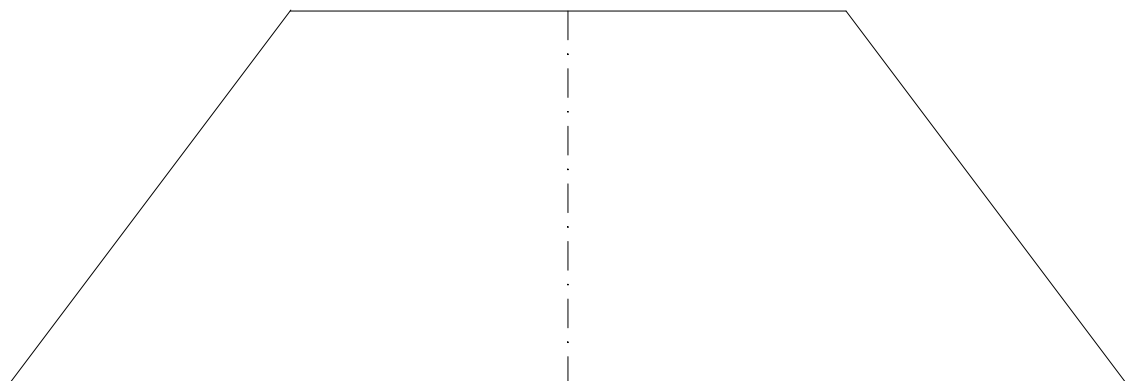
Aft fuselage top  
Make 1

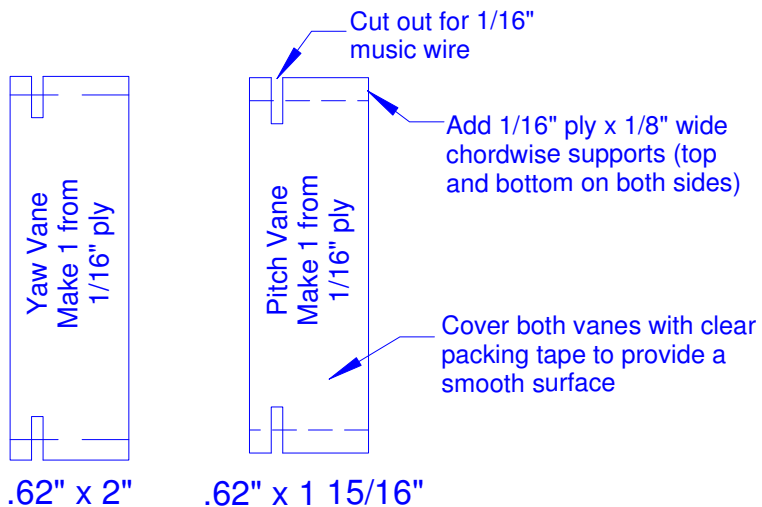
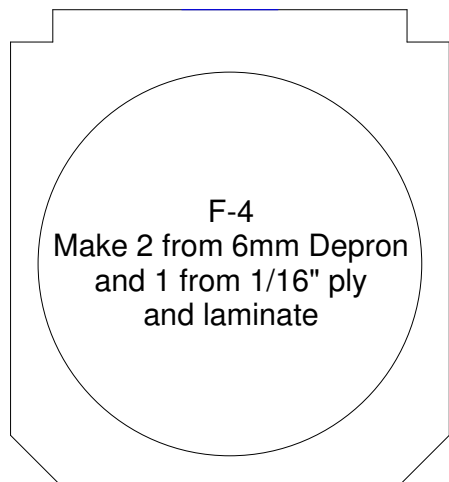
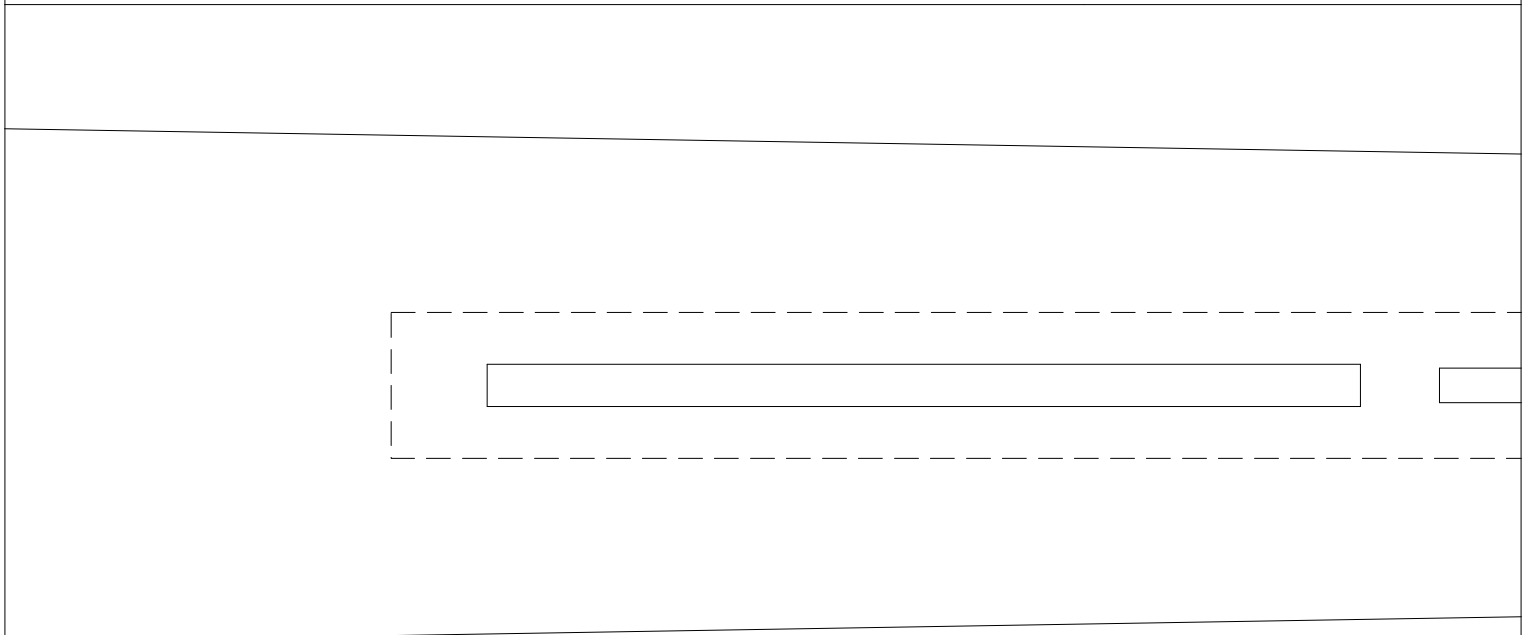
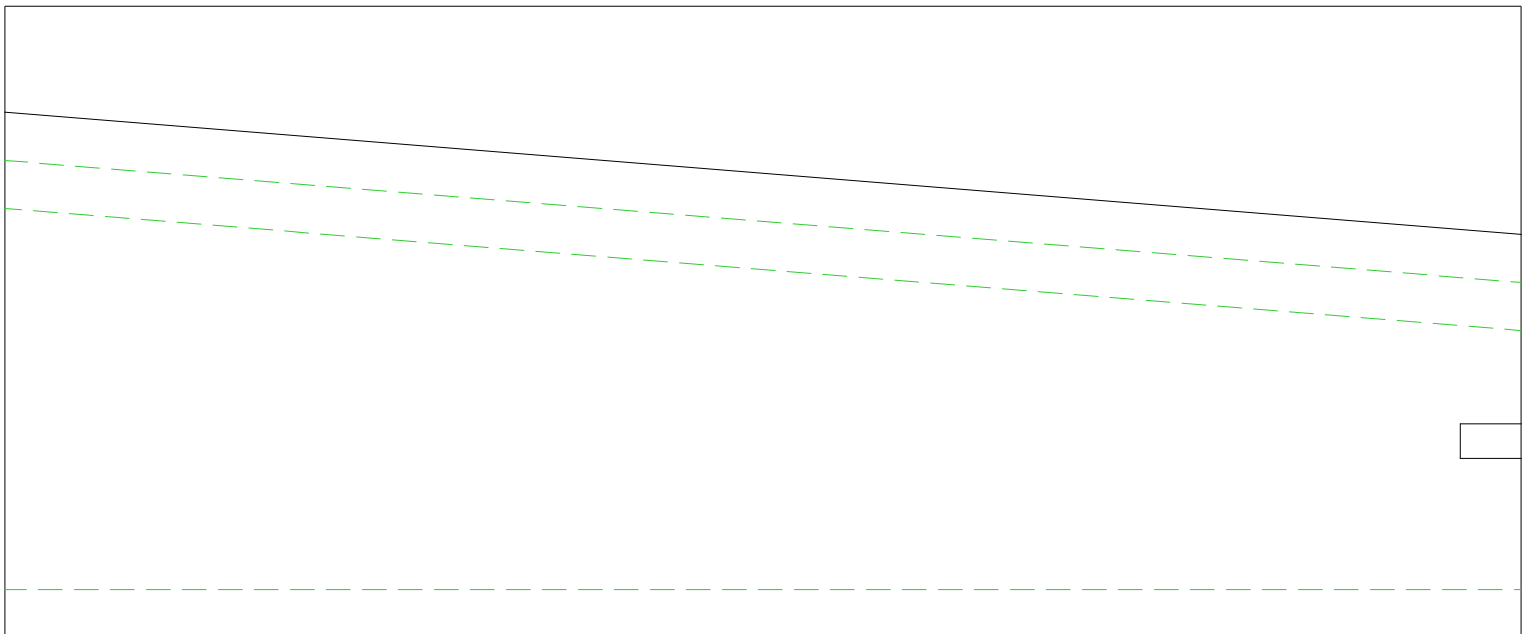
Drill 3/16"



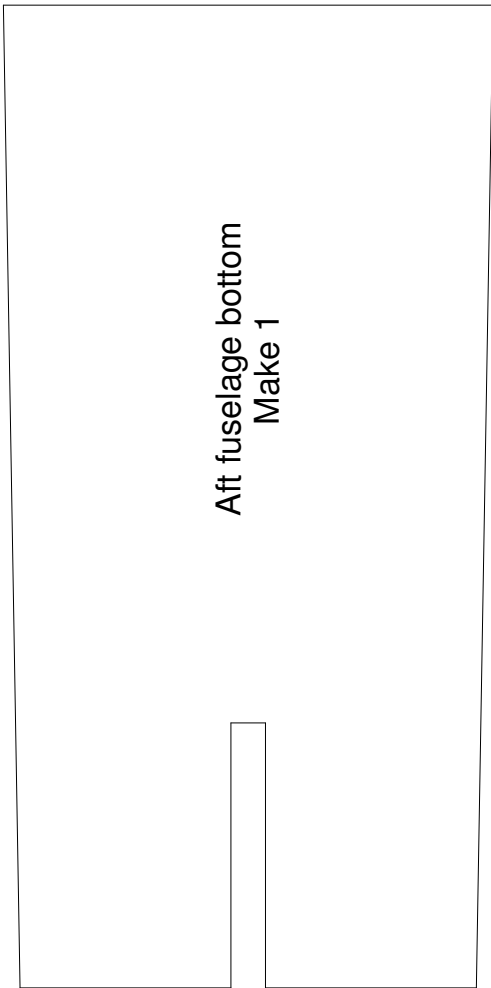
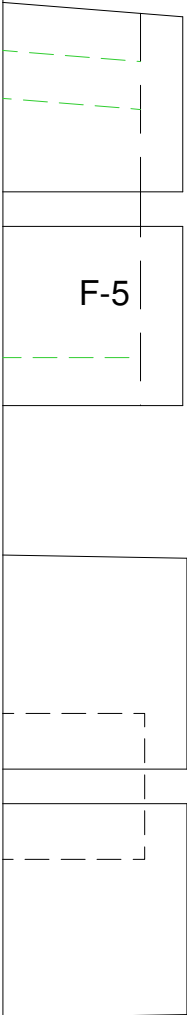
Canard pivot reinforcement  
Make 2 from 1/32" ply

Wing strake  
Make 2 from 1/32" ply

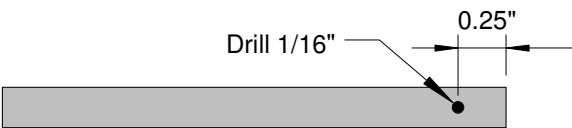




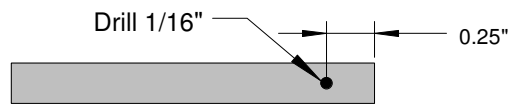




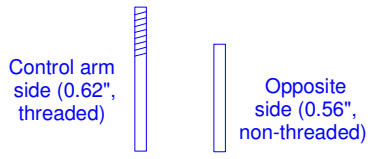
Aft fuselage bottom  
Make 1



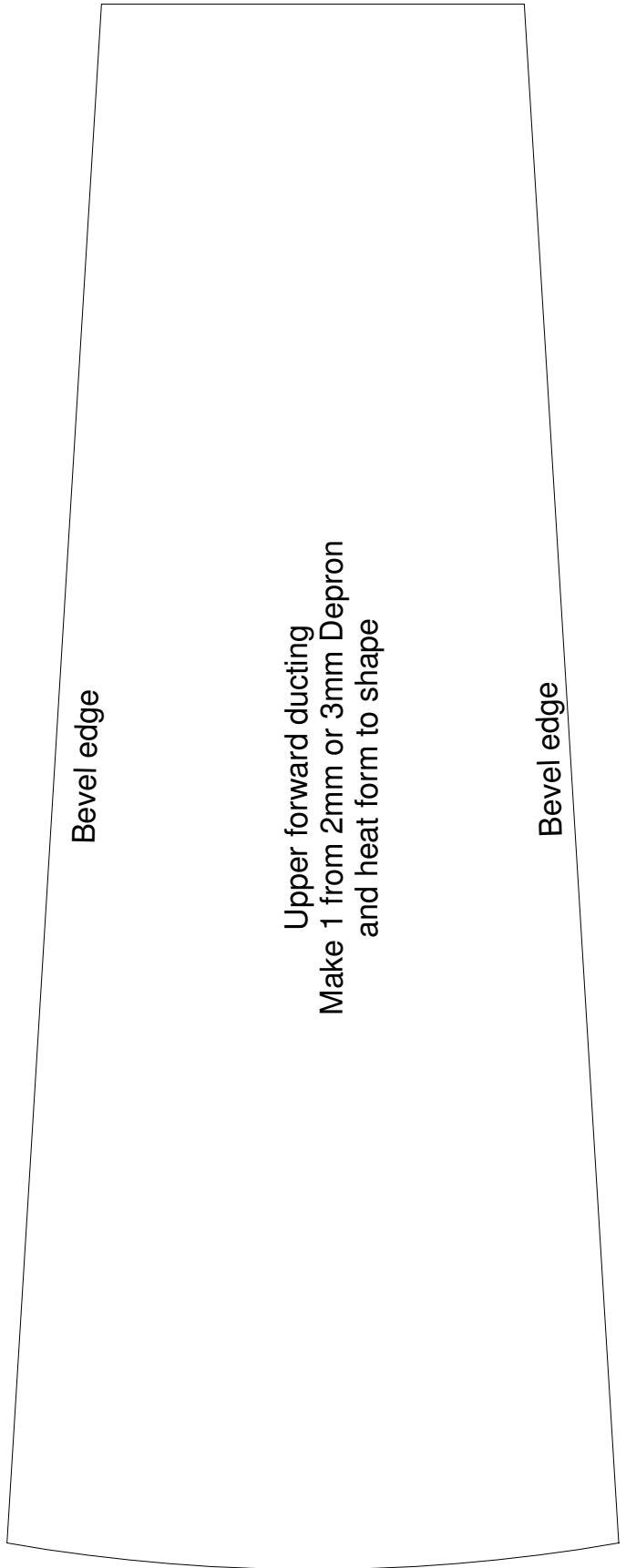
Yaw vane support  
2.62" x .21" dia carbon tube



Pitch vane support  
1.87" x .21" dia carbon tube



Vane pivots  
Make 2 each from  
1/16" music wire



Upper forward ducting  
Make 1 from 2mm or 3mm Depron  
and heat form to shape

Bevel edge

Bevel edge

Thrust tube  
Make 1 from overhead  
transparency material  
and roll into a tube

