

Aft

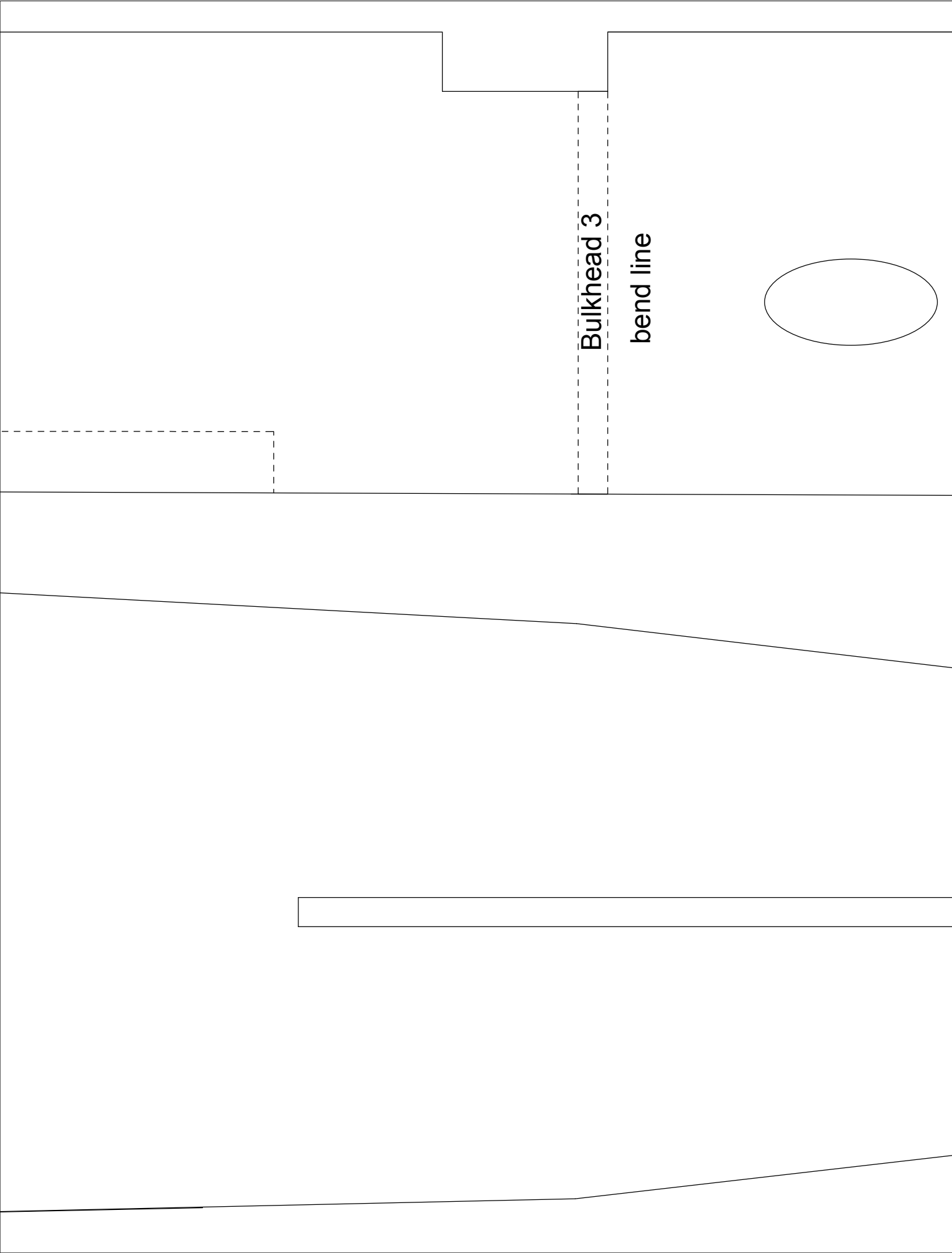
Bulkhead 2

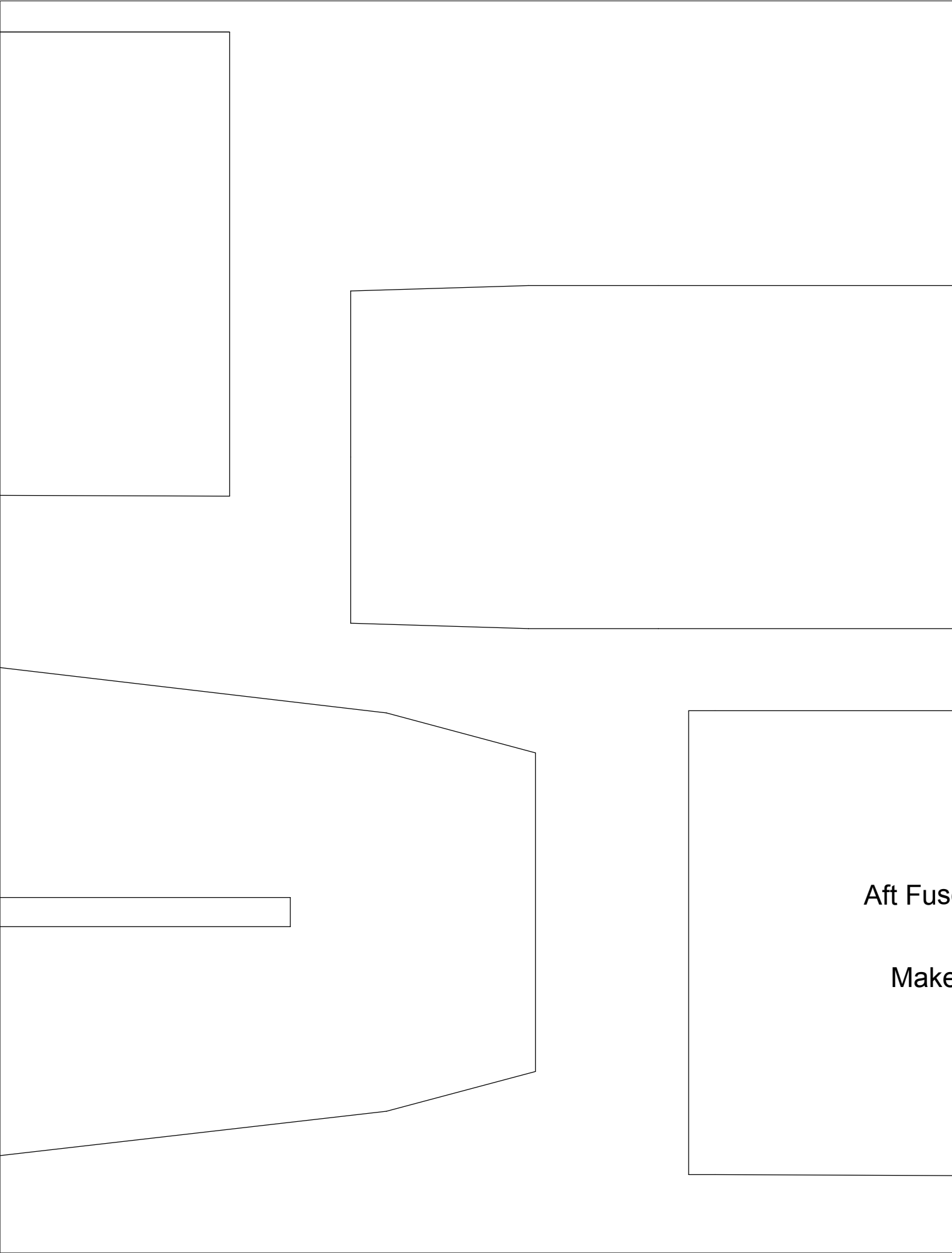
Front Fuse

Make 2

Bottom Fuse

Make 1





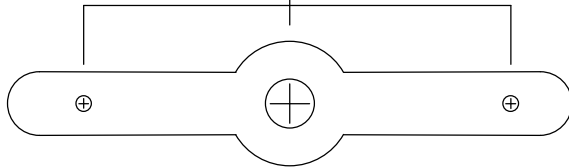
Aft Fus

Make

1/8" lite ply

21mm

22.5mm



Left

Right

1/16" dia hole for control rod

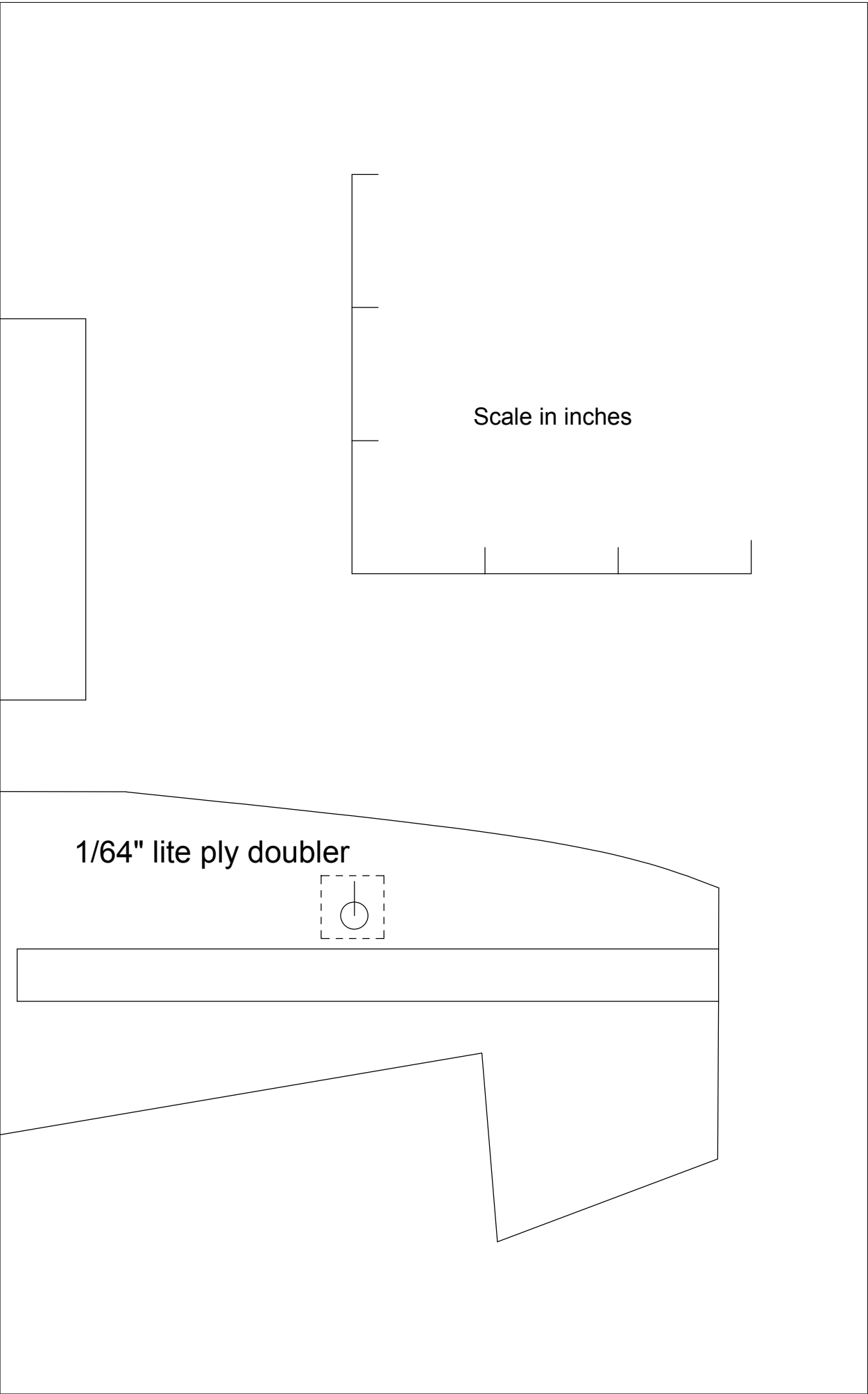
Bottom Forward Fuse

Make 1

e Keel

e 2





Turtledeck Top

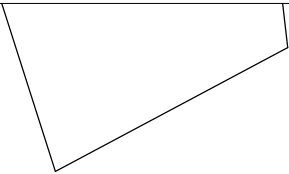
Make 1

Taileron  
Make 2

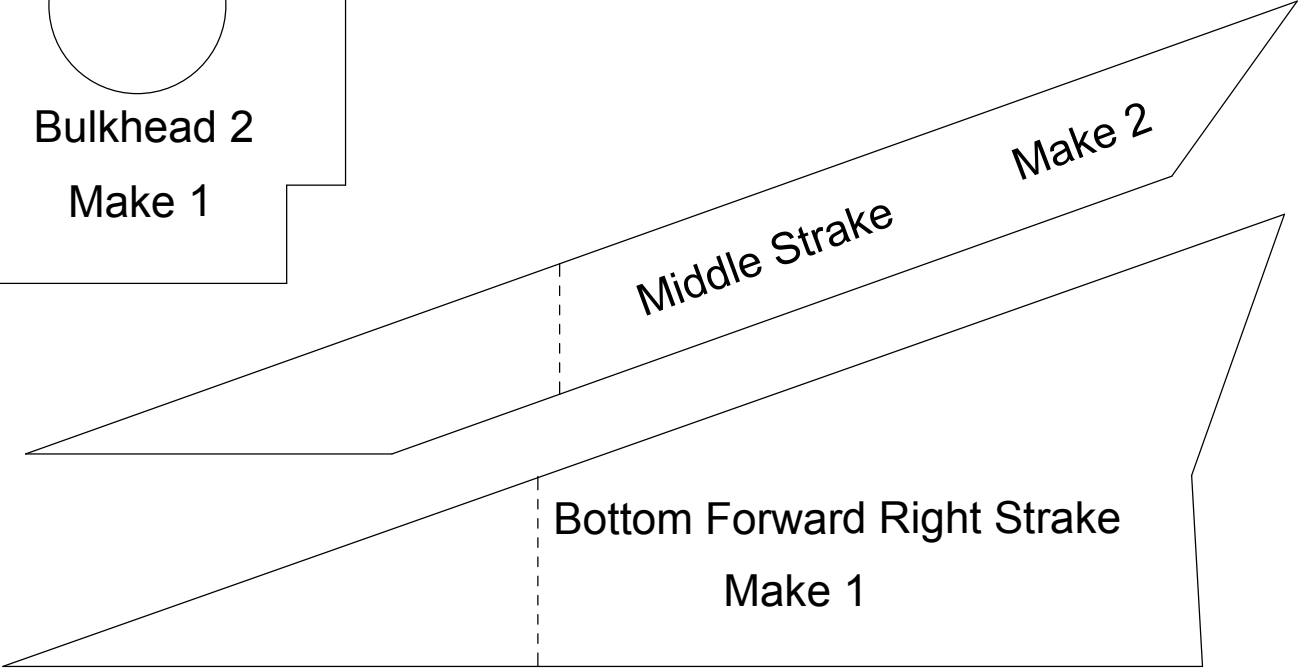
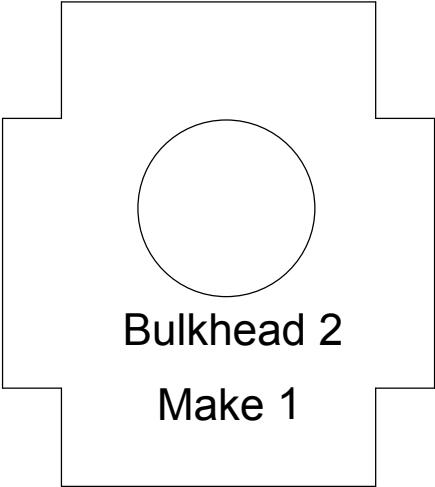
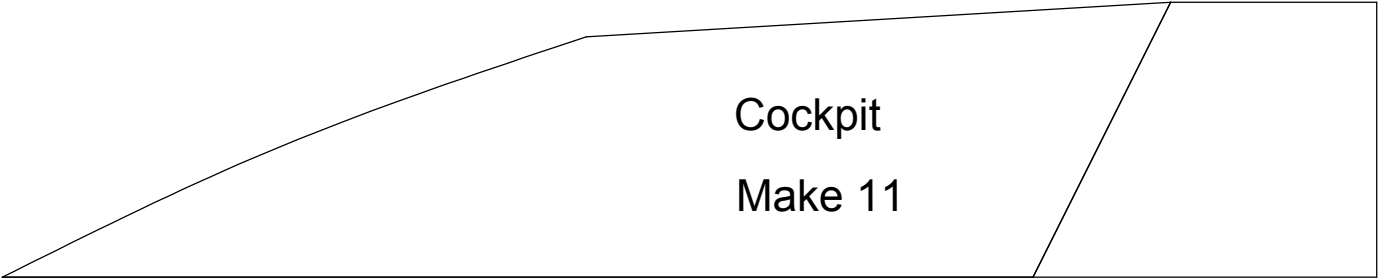
Make 4



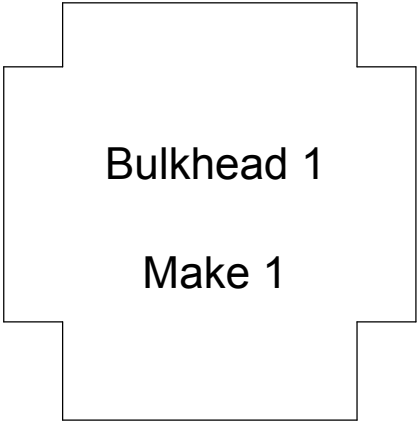
1/8" lite ply



Cockpit Floor  
Make 2

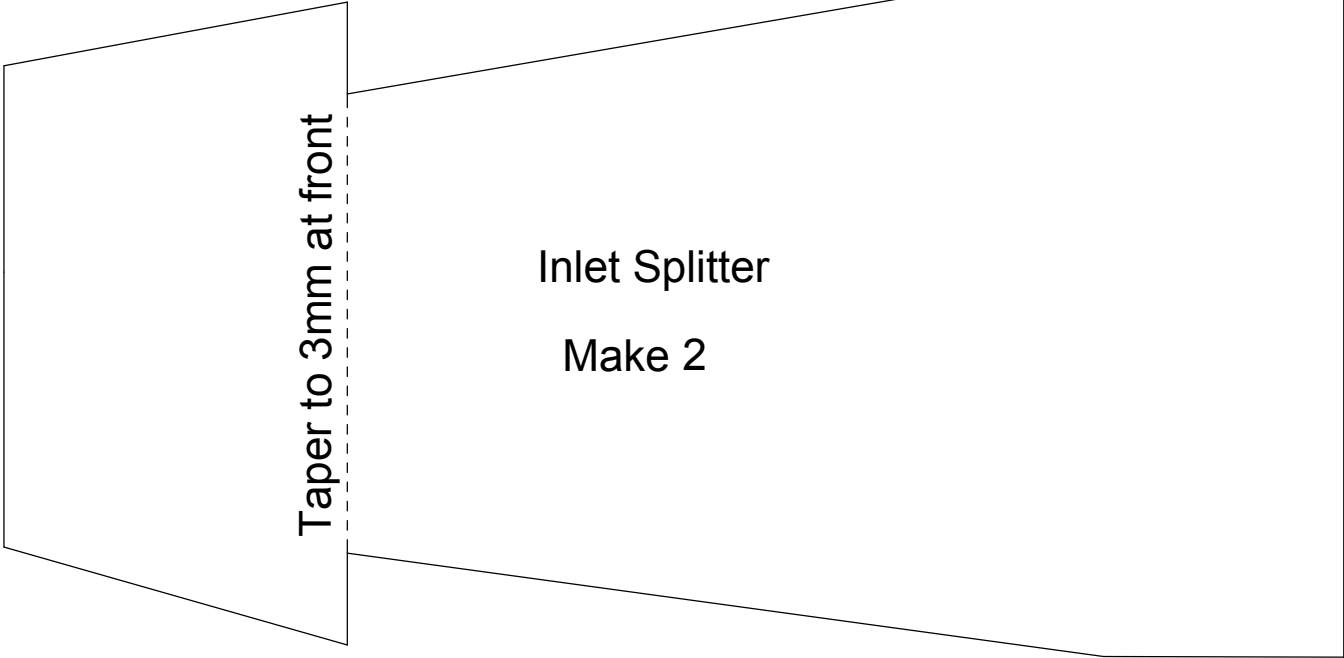
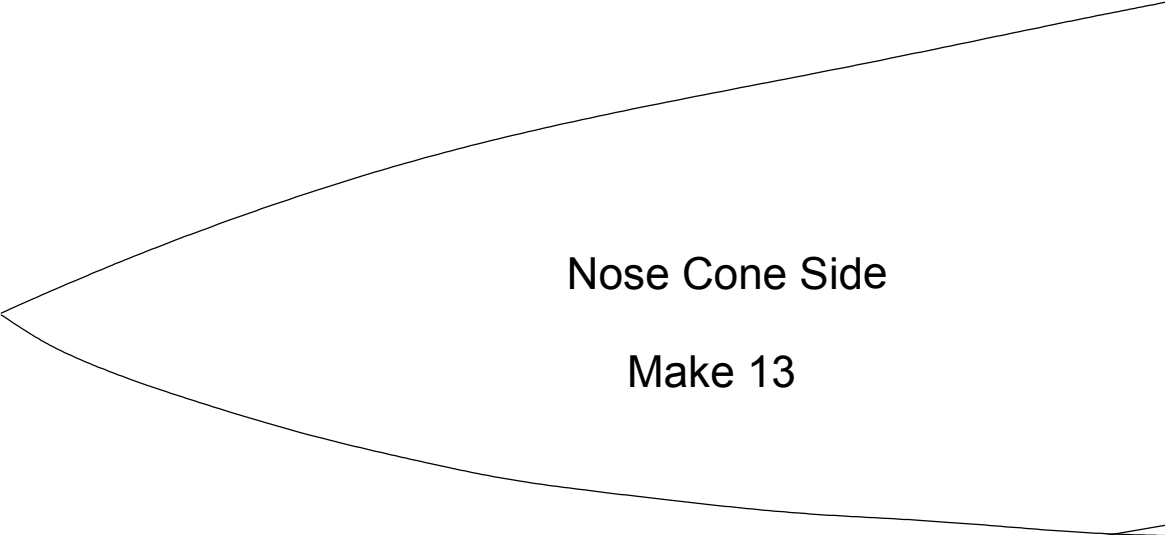






1/32" lite ply

10x104mm



Top Forward Duct

Make 1

Swing Wing  
Servo Mount  
Make 1  
1/8" lite ply

Servo Spacer  
Make 1  
3/8" balsa

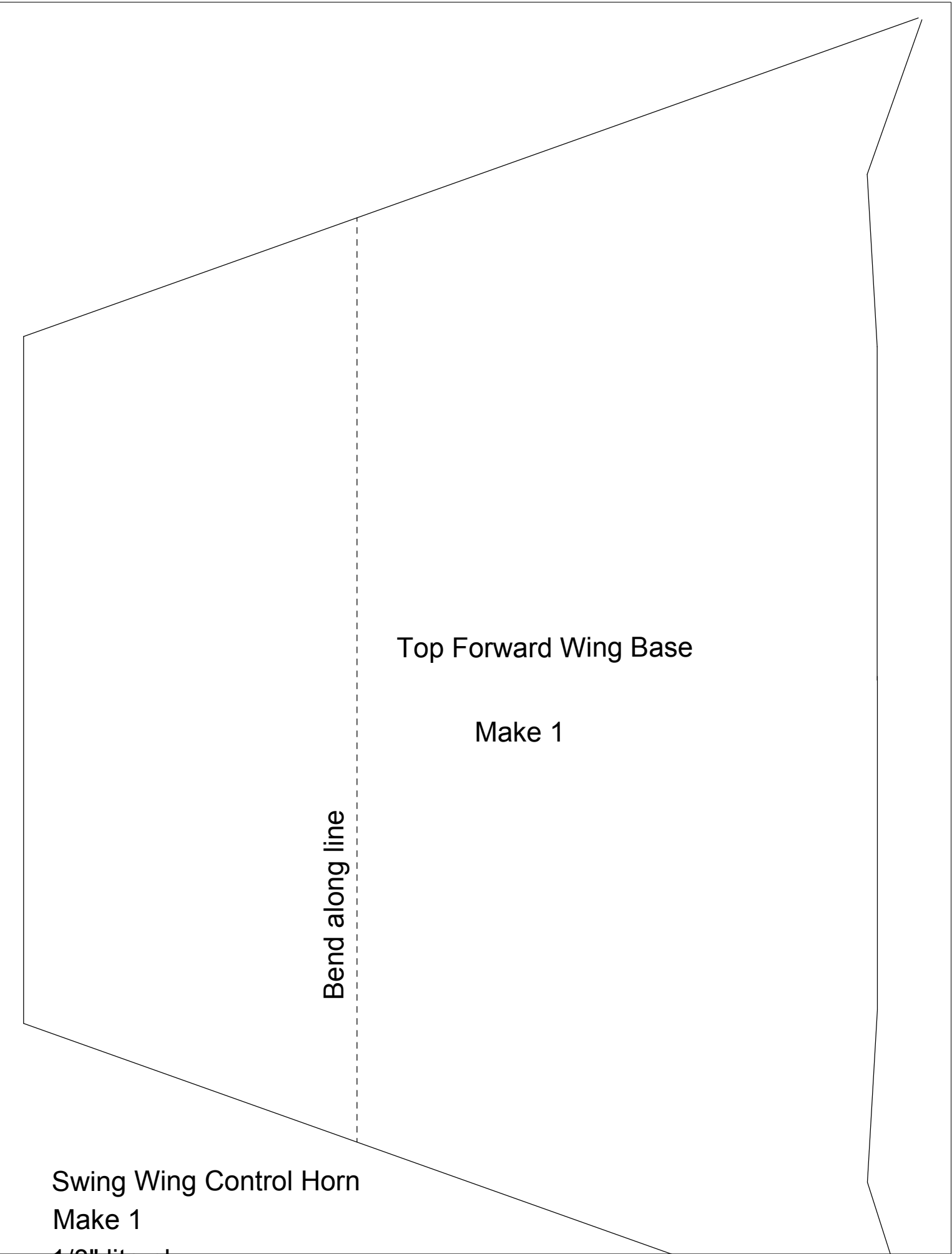
Bottom Forward Left Strake  
Make 1

Cockpit Base Doubler

Make 1

Make 2

Forward Fuse Doubler



Top Forward Wing Base

Make 1

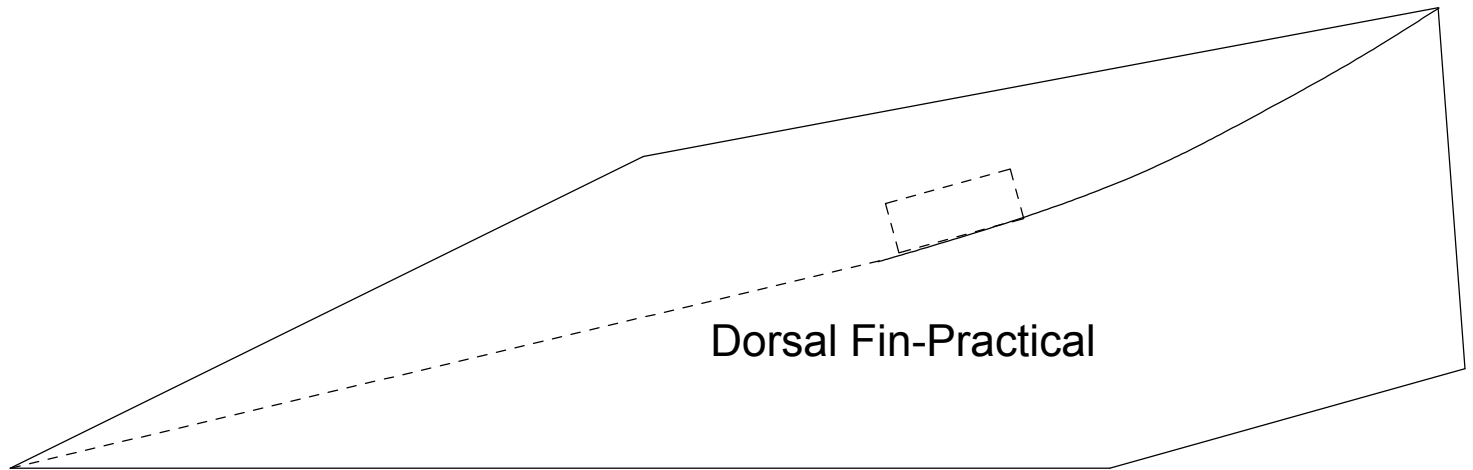
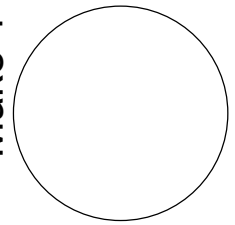
Bend along line

Swing Wing Control Horn  
Make 1

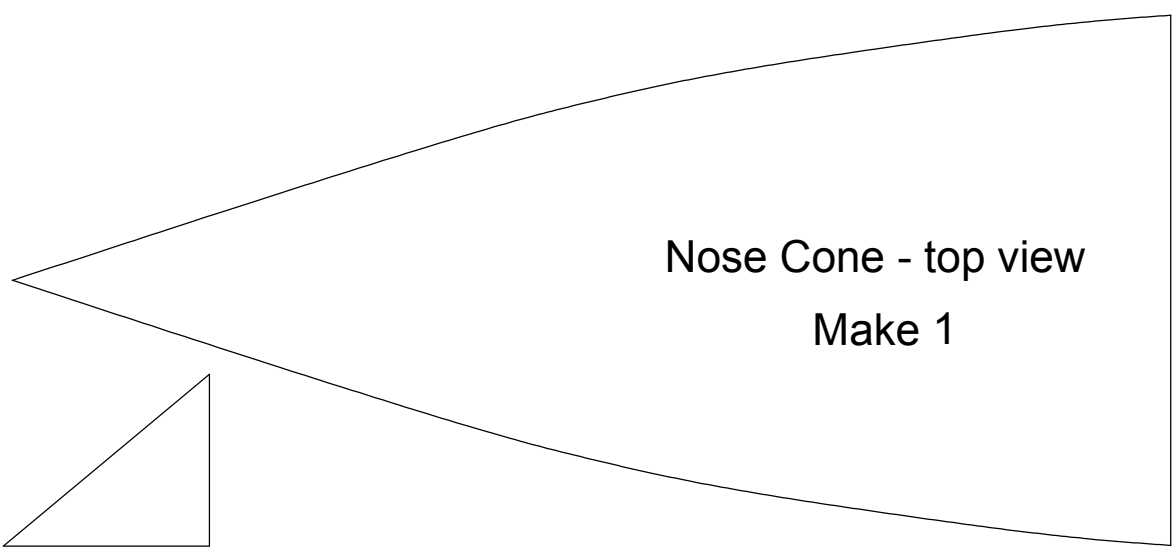
4 1/2" (11.4 cm)

**Bulkhead 3**

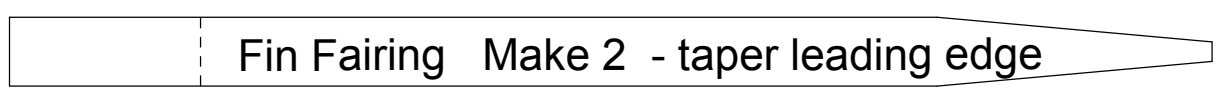
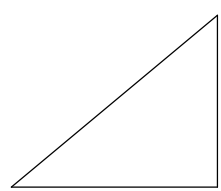
**Make 1**



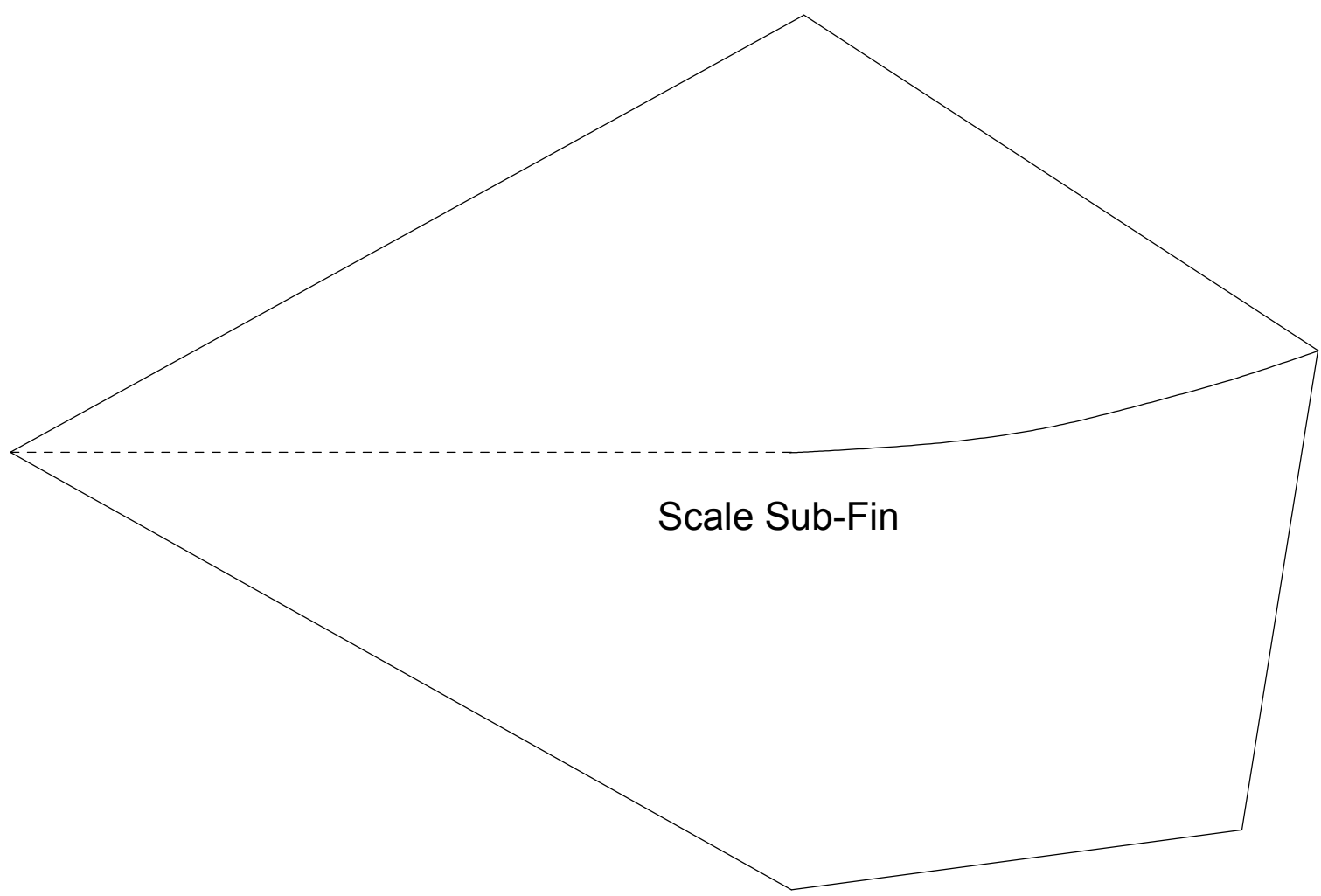
**Dorsal Fin-Practical**



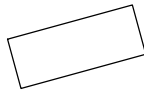
Nose Cone - top view  
Make 1



Fin Fairing Make 2 - taper leading edge



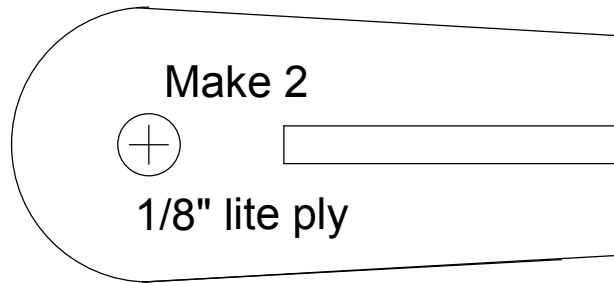
Scale Sub-Fin



Dorsal Fin Stop Block  
Make 2

Make 4  
1/8" lite ply

Turtledeck Side - bevel  
Make 2



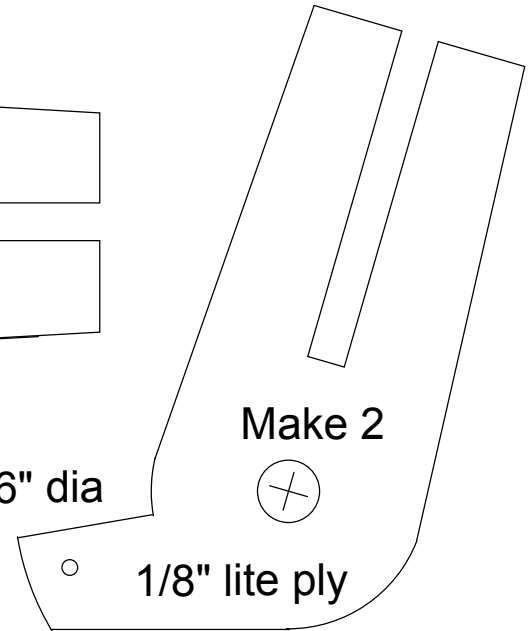
Make 2



1/8" lite ply

Make 2

1/8" lite ply



Make 2



1/16" dia



1/8" lite ply



CG in full extension

Aft Lower Wing Cover

Make 2

Bottom Duct Inlet

Make 2



## **MiG-23 "Flogger" Park Jet**

Designer: Ben Song

Modified from/Inspired by: JetSet44 (Steve Shumate)'s F-14

Wingspan: 22in/42in

Length: 49in

Weight: ???oz

HiMax 2812-850 with 9x7.5 prop

3s1p 1500mah lipoly

1x Hitec HS-85MG

2x 9gm servos

5chn receiver (FMA M5)

Notes:

CG: 1/3" behind leading edge of swing wing spar box with wings in full extension

Motor Mount is 10mm x 10mm hard balsa 2.15" (187mm)

Motor Mount extends 1.6" beyond end of tail but this varies depending upon the motor and prop used.... beware of tail feather strikes from the prop

Mix 10% up elevator to full sweep of wings and start the mix at about the mid-sweep position

-40% expo on aileron and elevator

If you enjoy this design, please considering contributing some \$ (ie \$10) to Steve Shumate ([jetset44@verizon.net](mailto:jetset44@verizon.net)) so that we can all continue to benefit from his wonderful ideas.

date: 7/4/05

revised: 7/19/05

Doublers are 13mm x1/4"