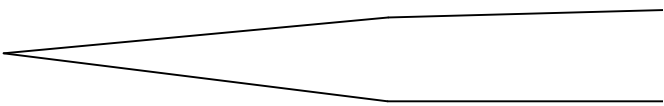
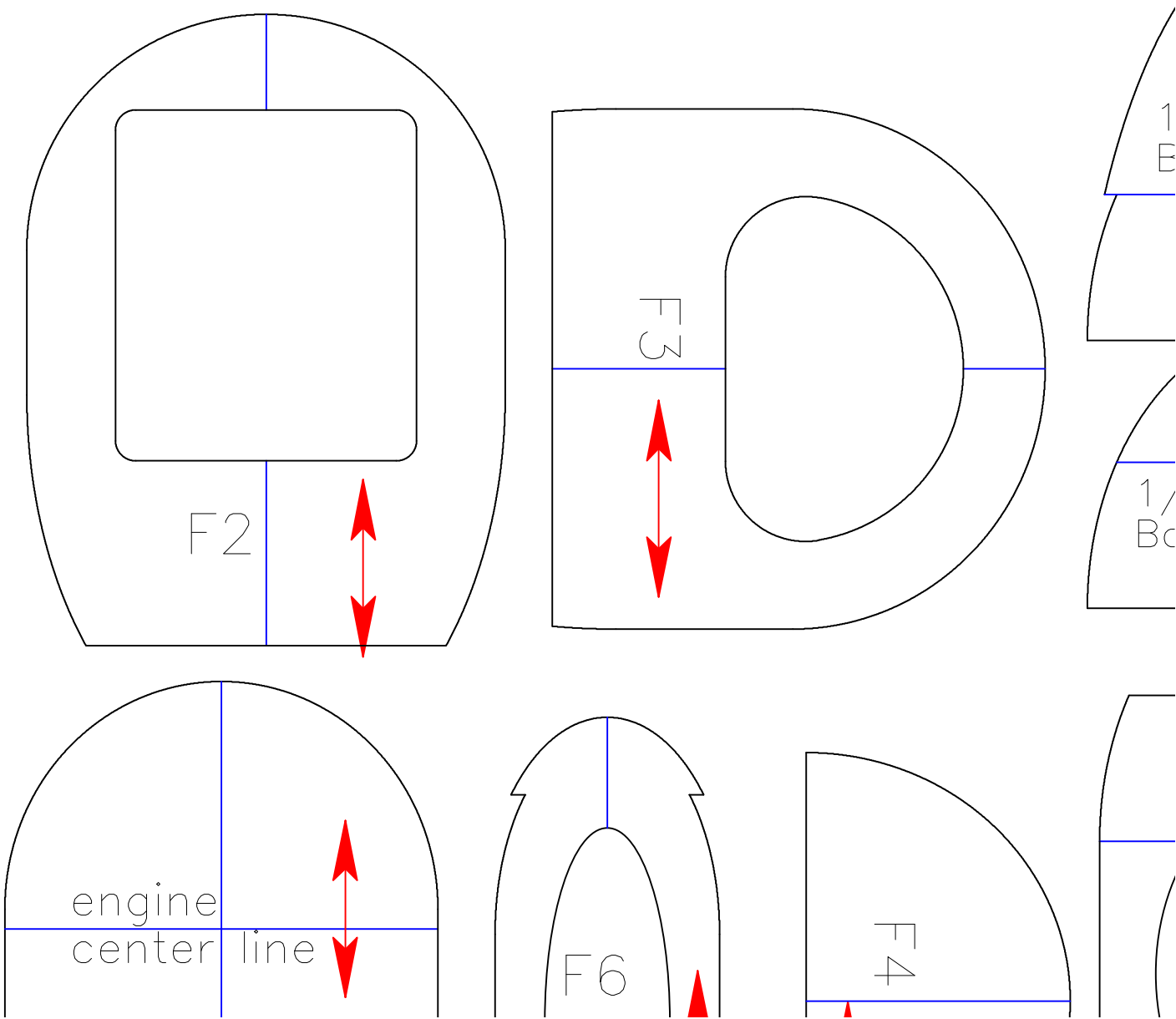


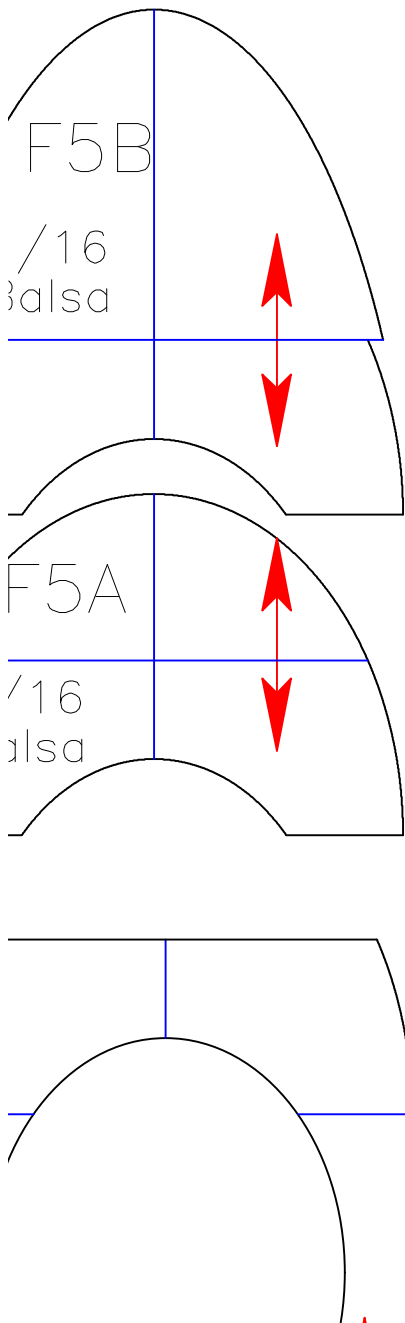
# WING SPAR



## FUSELAGE FORMERS

Execpt where noted, all formers are 1/8 lite ply. Arrows indicate primary grain direction.





F5B

F5A

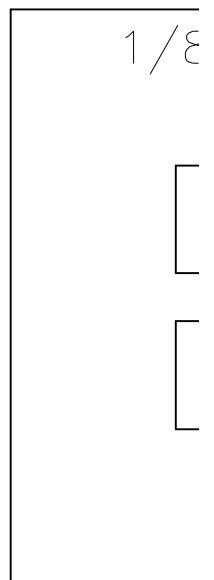
F5  
side  
view

## CANOPY DETAIL



Canopy placement  
of W5 to 3 1/8 "

## SERVO TRAY



Position between F3 and

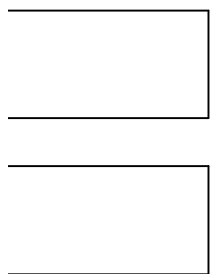
Top

WING SPAR: from 5/32 yardst

WWII Canopy  
6.75 ")

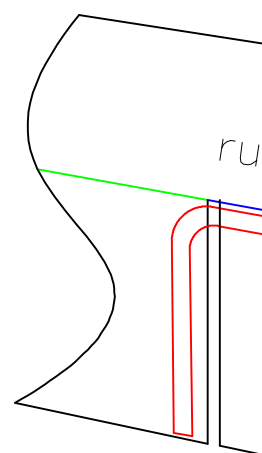
it: 3 5/8 forward  
aft of W5.

3 Lite Ply



and F4 (alue 3/16 sa scan

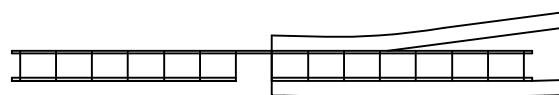
## TORQUE ROD DETAIL



Notch end of aileron  
to accept rod

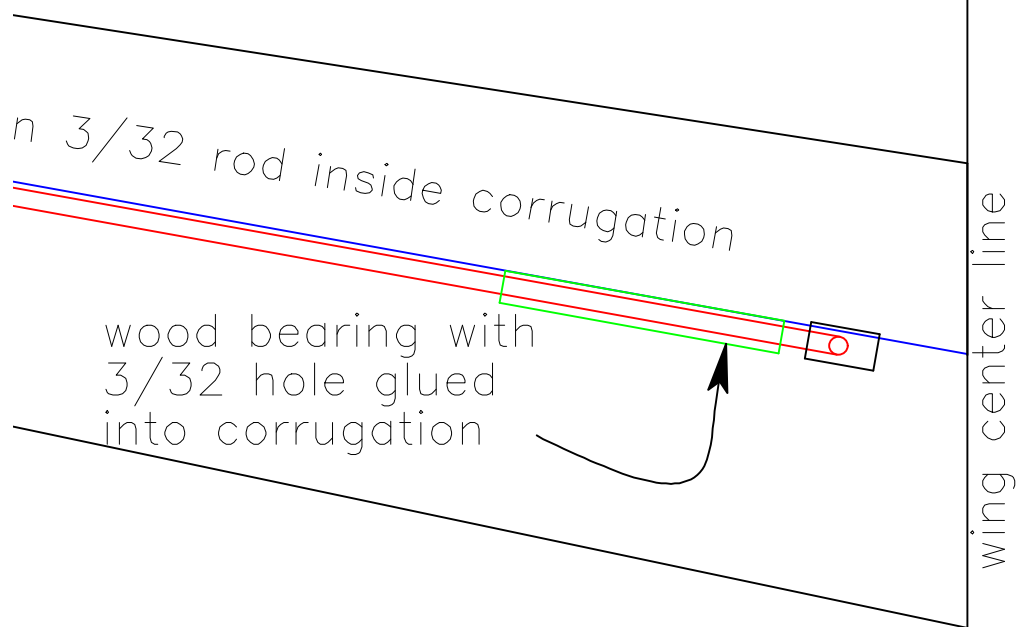
## WING CROSS SECTION

CG  
fro  
at

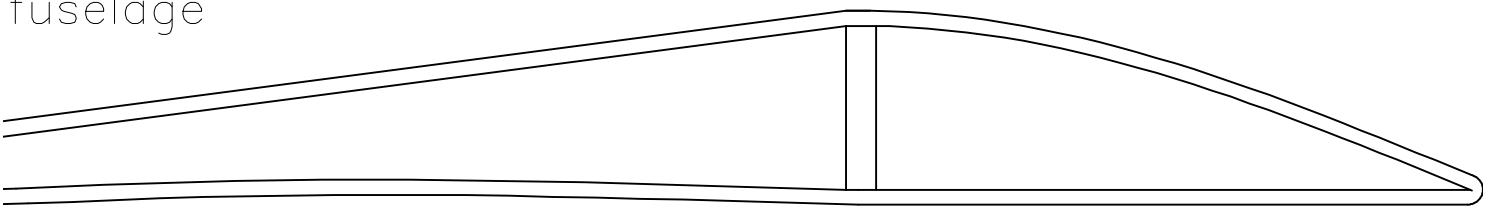


ick (make 2)

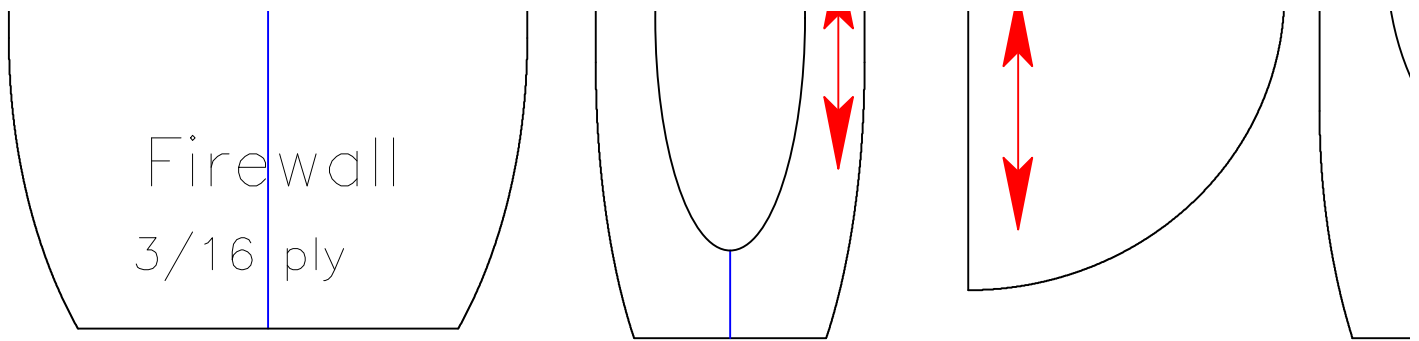
Aileron torque rod detail  
(xray view through top surface)



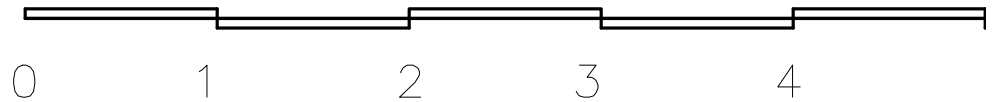
– 3.25 inches back  
from leading edge of wing  
fuselage



Spar (thickest point) at 32% back  
from leading edge. 10% thick at  
root. 15% thick at tip.



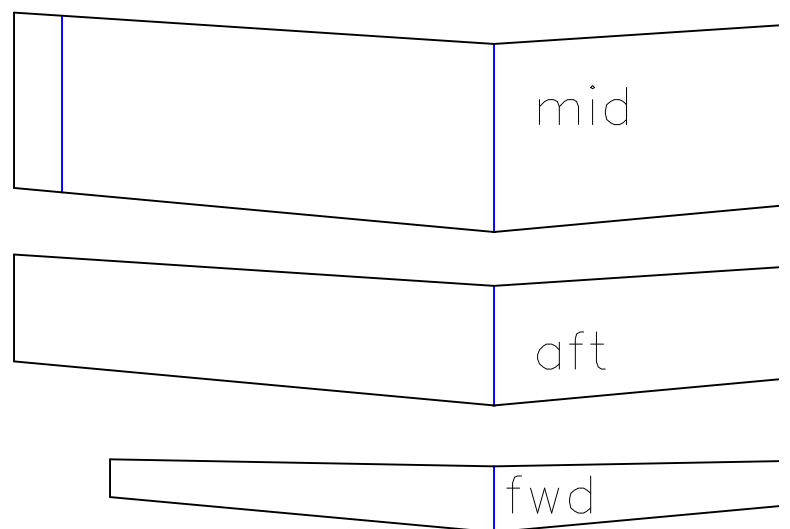
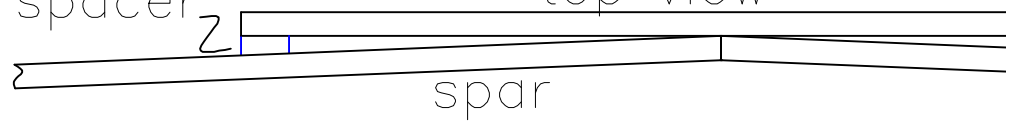
Scale (inches)



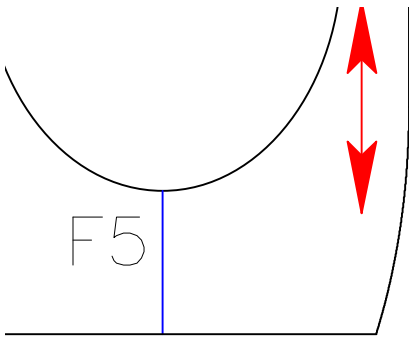
## WING DIHEDRAL BRACES

1/8 X 1/4  
balsa  
spacer

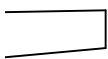
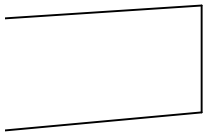
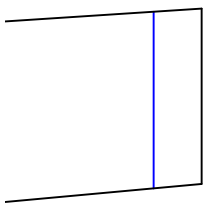
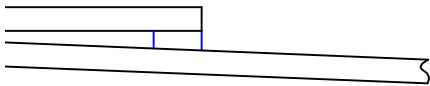
mid brace  
top view



Dihedral Braces 1/8 hard  
(4.5 deg per side)

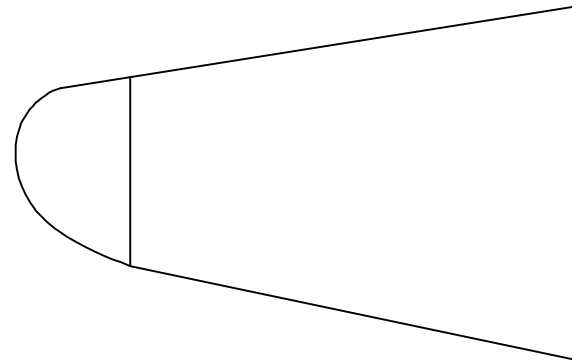


5 6

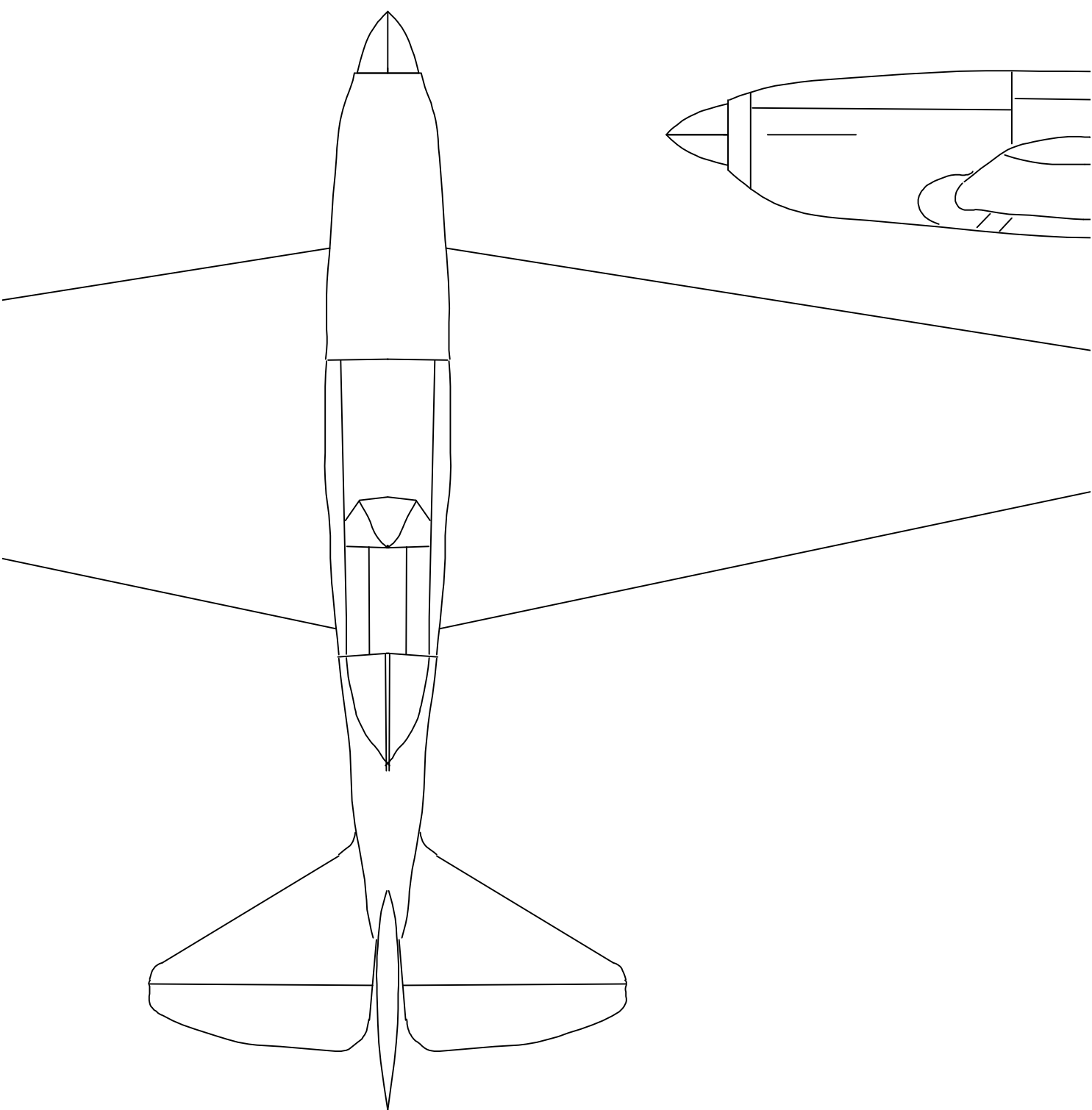


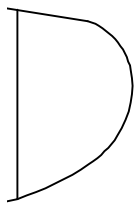
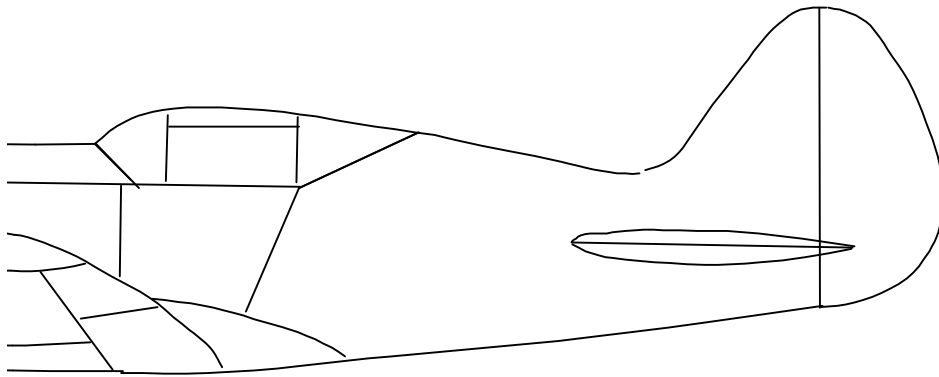
d ply

POSITION BETWEEN F0 & F1  
balsa rails to F3 & F4



and 1 1/2 (glue 3/16 sq. scrap  
4 to support tray)





## Mikoyan-Gurevich MiG-7 Russian WWII High Altitude Fighter

Scale: 1/12 (wing enlarged 5%)  
Wingspan: 44.8 inches  
Length: 31.2 inches  
Wing Area: 306 sq. inches  
Weight: 2.50 to 2.75 lbs.  
Engine: .20 to .26 cu. in.

Construction: Corrugated Plastic  
(4mm Fuse & Tail, 2mm Wing)

Designed and Drawn by David West  
[dwest@wingedshadow.com](mailto:dwest@wingedshadow.com)

Version 1.0 7/26/00 Sheet 1 of 3

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