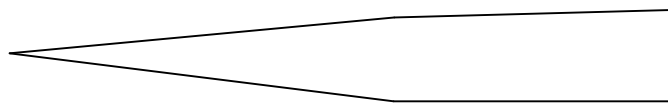


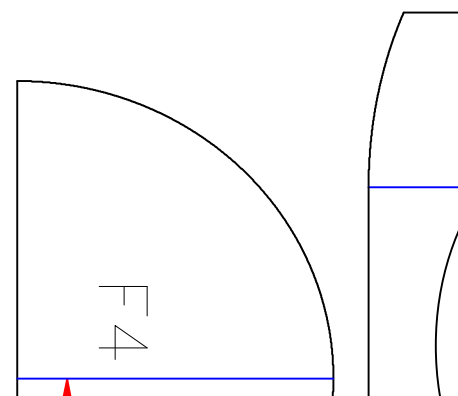
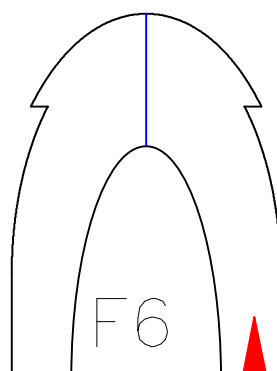
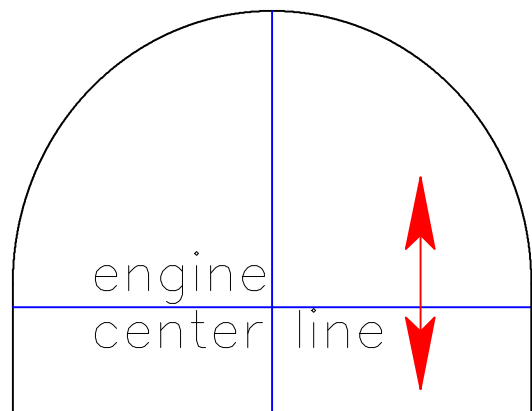
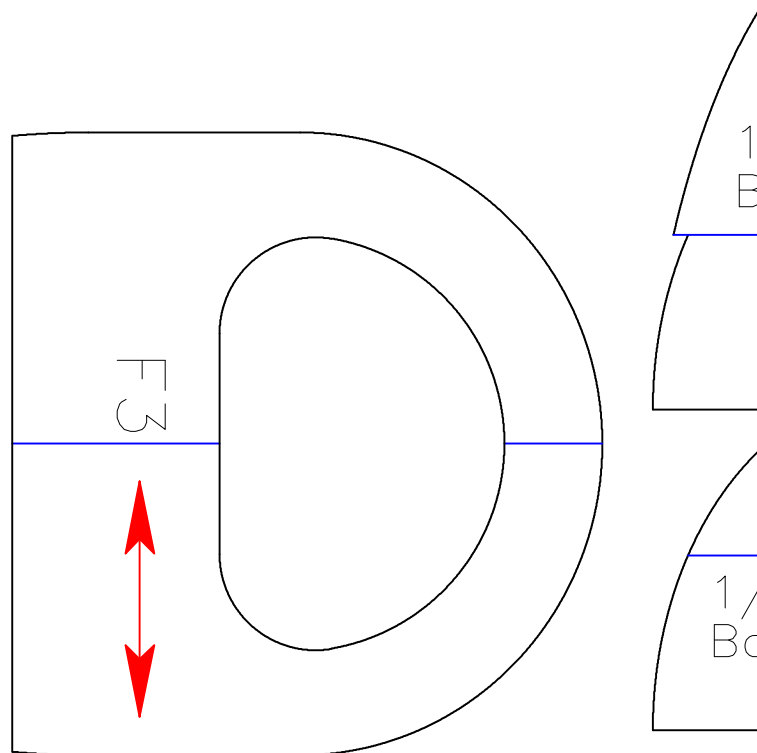
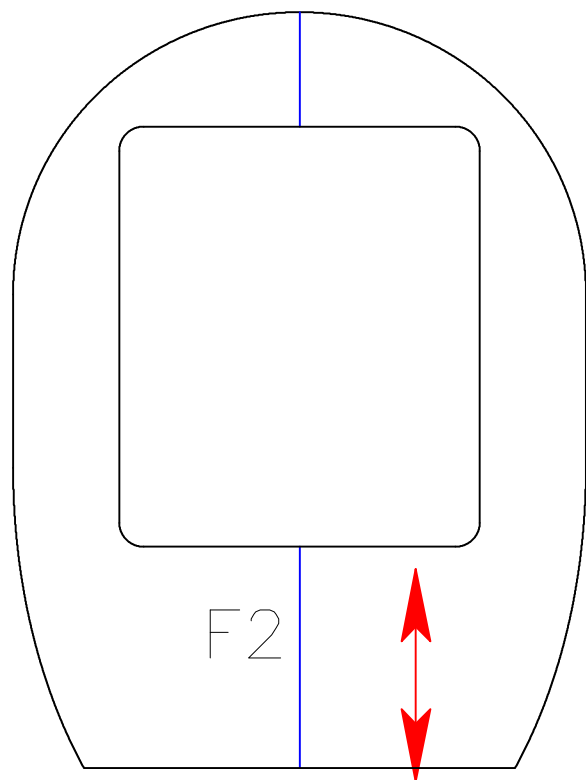
# WING SPAR

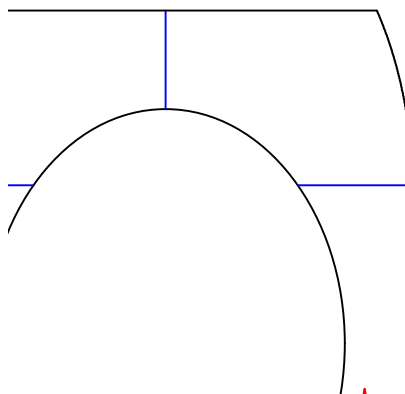
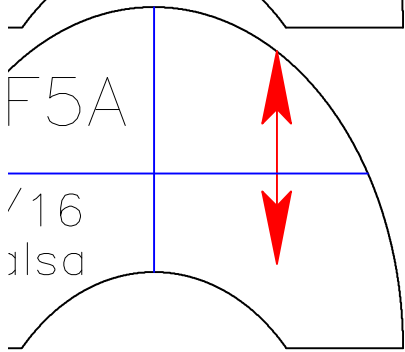
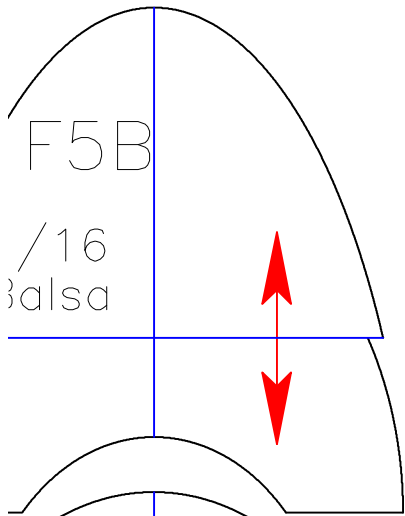


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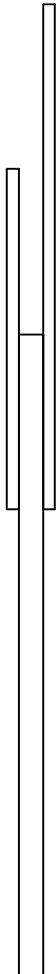
## FUSELAGE FORMERS

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





F5B



F5A

F5  
side  
view

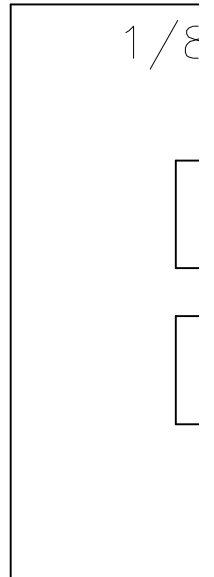
### CANOPY DETAIL



Sig Mfg. 11"  
(cut down to

Canopy placement  
of W5 to 3 1/8 c

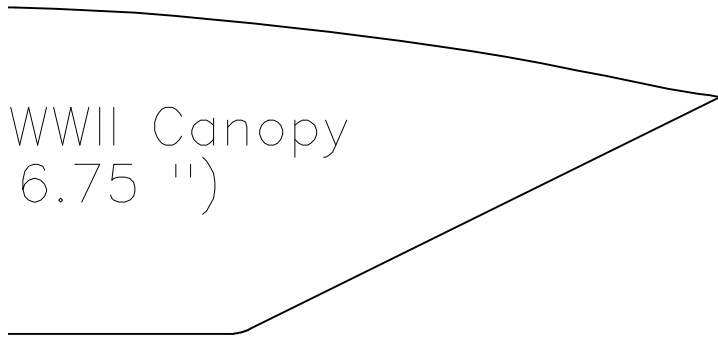
### SERVO TRAY



Position between F3 c

Top

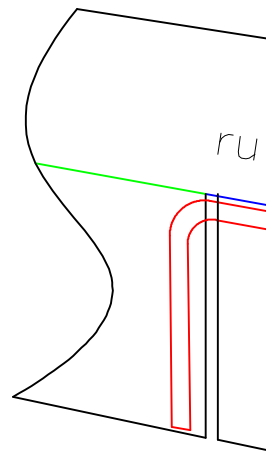
WING SPAR: from 5/32 yardst



WWII Canopy  
6.75 ")

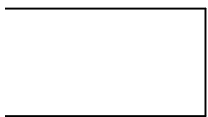
it: 3 5/8 forward  
aft of W5.

### TORQUE ROD DETAIL



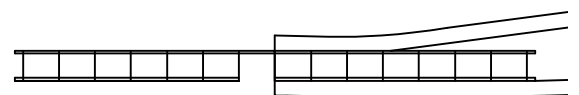
Notch end of aileron  
to accept rod

3 Lite Ply



### WING CROSS SECTION

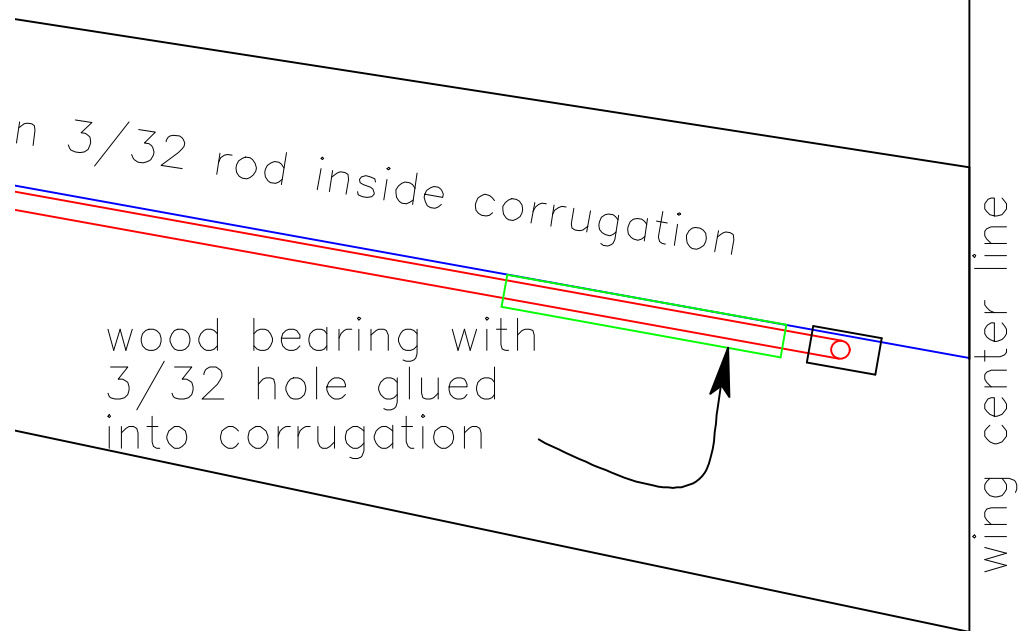
CG  
fro  
at



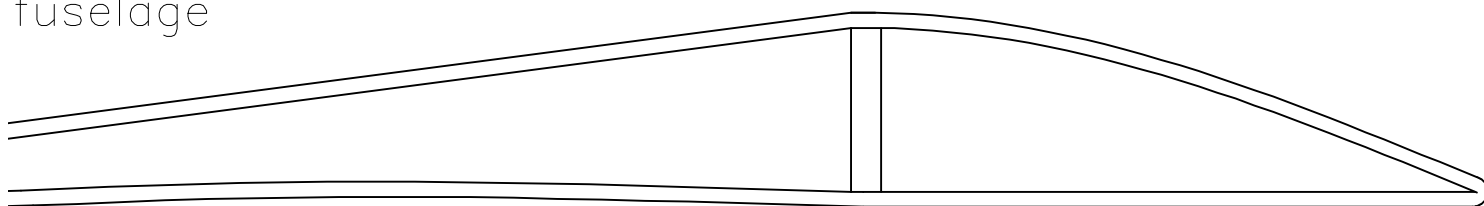
and F4 (alue 3/16 sa scan

ick (make 2)

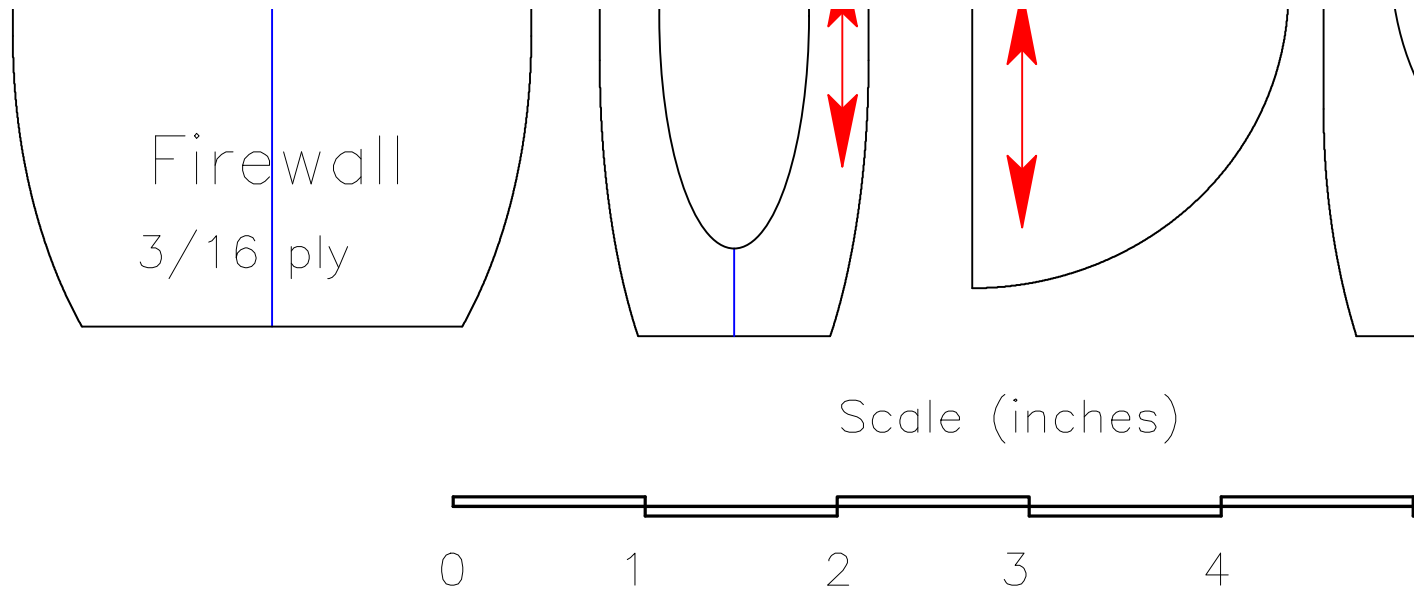
Aileron torque rod detail  
(xray view through top surface)



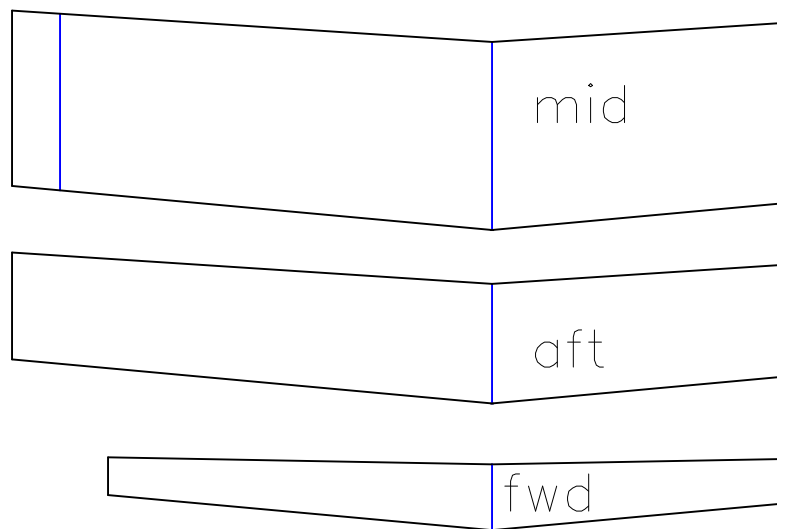
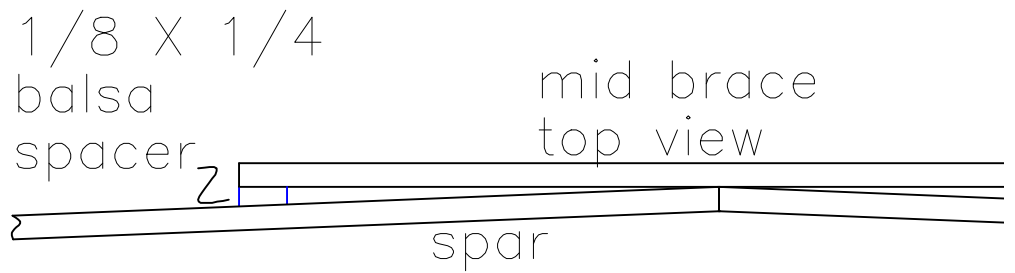
– 3.25 inches back  
from leading edge of wing  
fuselage



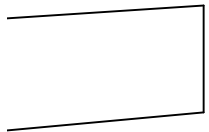
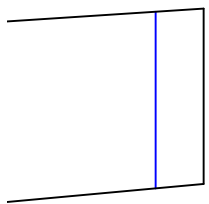
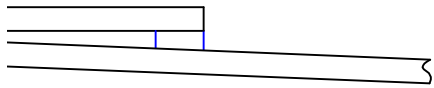
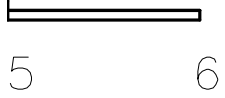
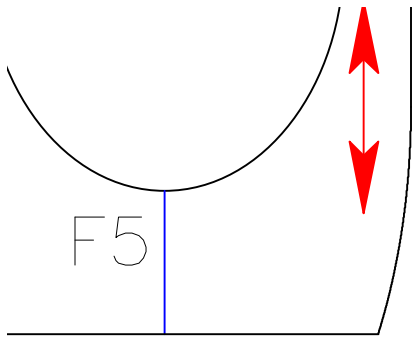
Spar (thickest point) at 32% back  
from leading edge. 10% thick at  
root. 15% thick at tip.



## WING DIHEDRAL BRACES

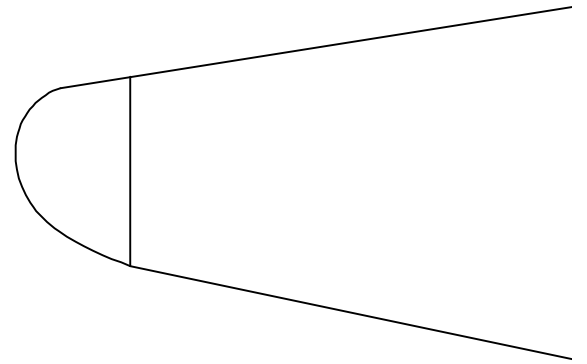


Dihedral Braces 1/8 hard  
(4.5 deg per side)

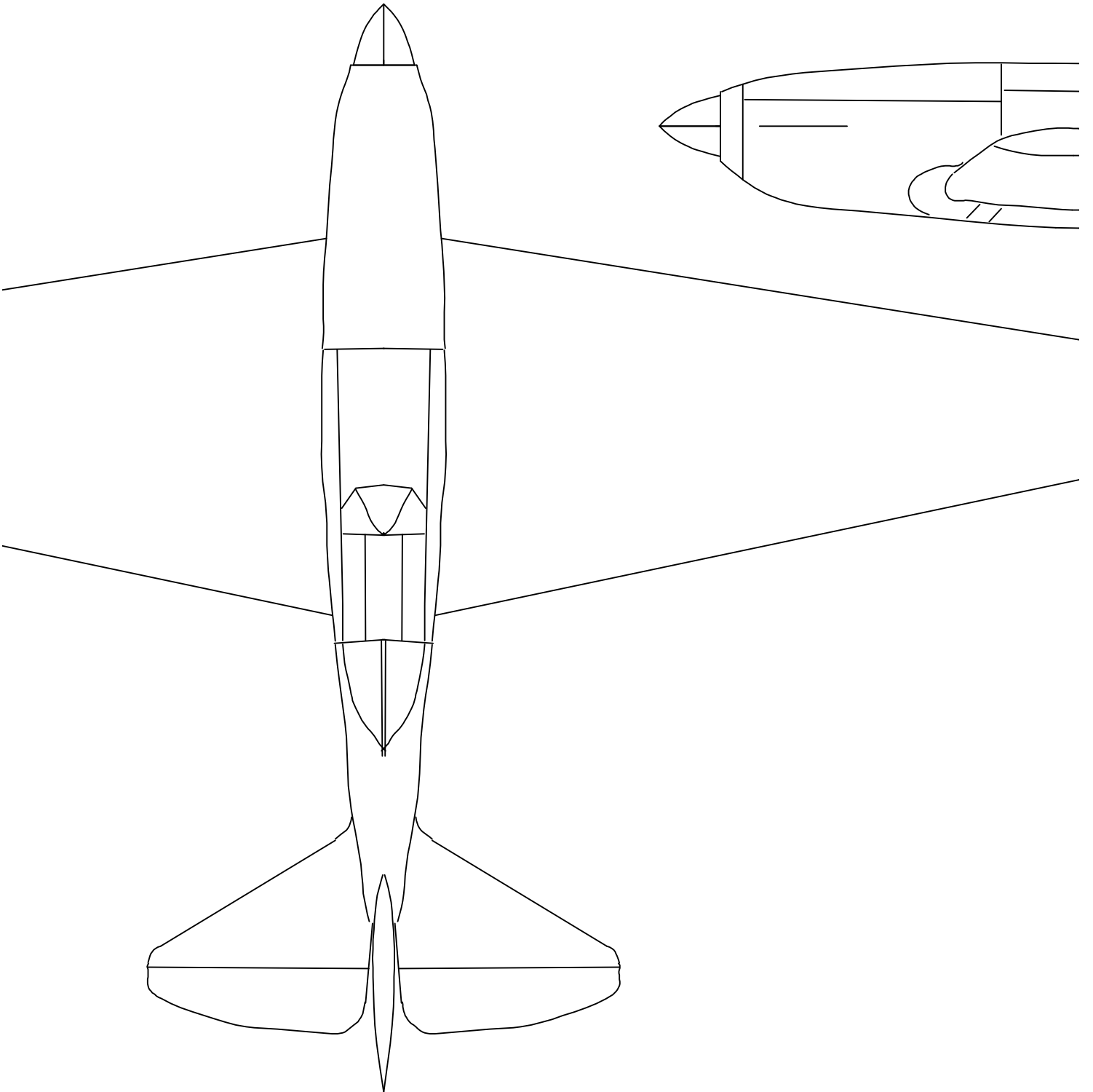


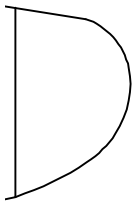
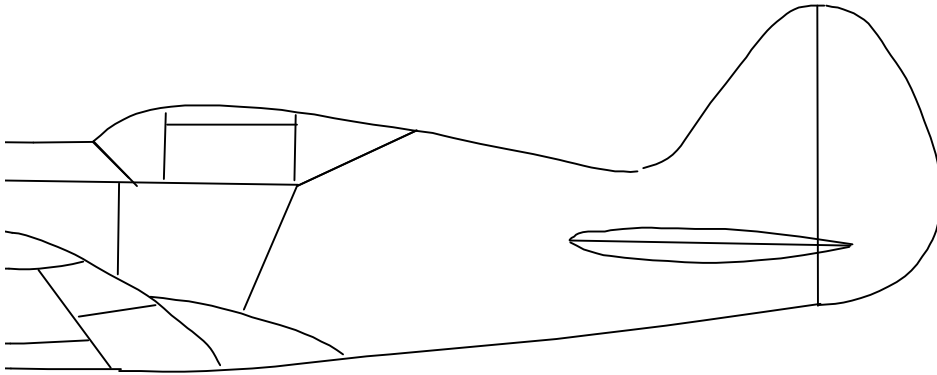
d ply

POSITION BETWEEN THE  
balsa rails to F3 & F4



1/4" x 1/4" (grid 5/16 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

Version 1.0 7/26/00 Sheet 1 of 3

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