

B25J Mitchell 1/17

(Boxed)

Wing Span: 48"

Wing Area: 319 sq.Inch

Fuselage Length: 39"

Estimated AUW: 31.74 oz. or 900gms

Wing Loading: ~14oz/sq ft. (WCL: 9)

Recommended Setup:

[Turnigy D2826-10 1400kv Brushless Outrunner Motor] x 2

[25~30A ESC] x 2

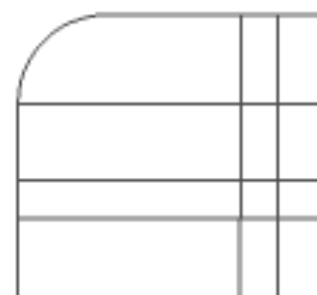
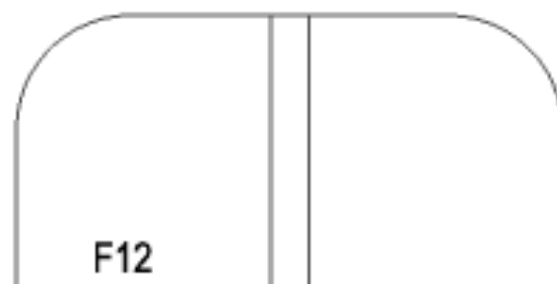
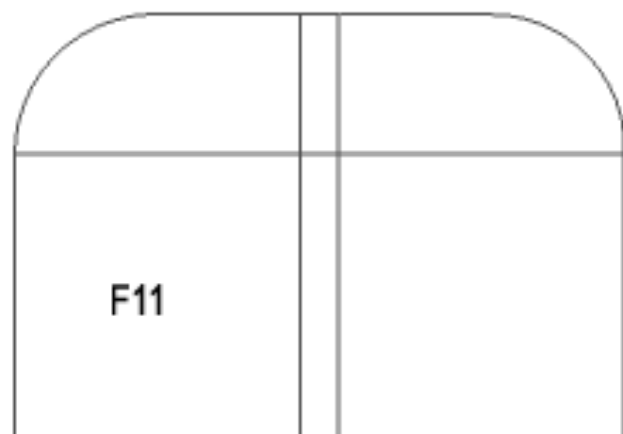
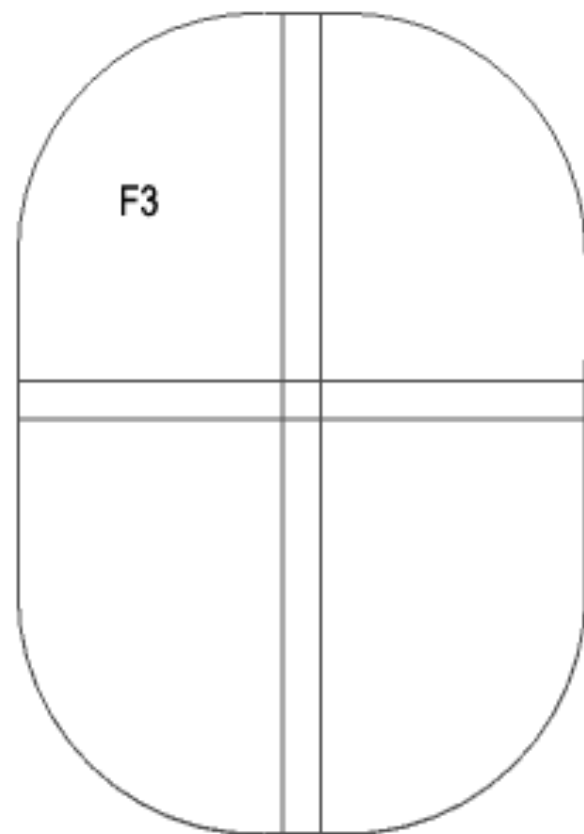
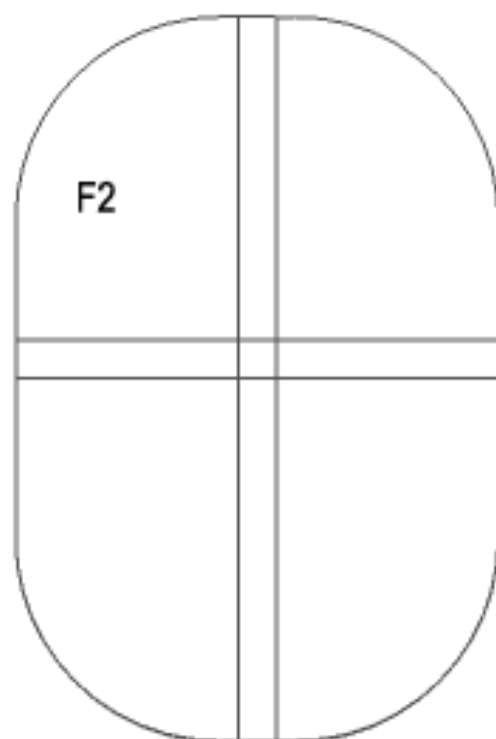
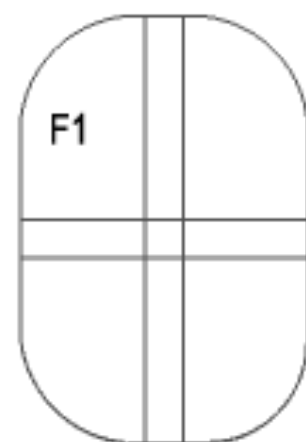
[2200mAh 3S 20C Lipo battery] x 1

[Master Airscrew 3 Blade 7x4 propeller] x 2 (One Clockwise)

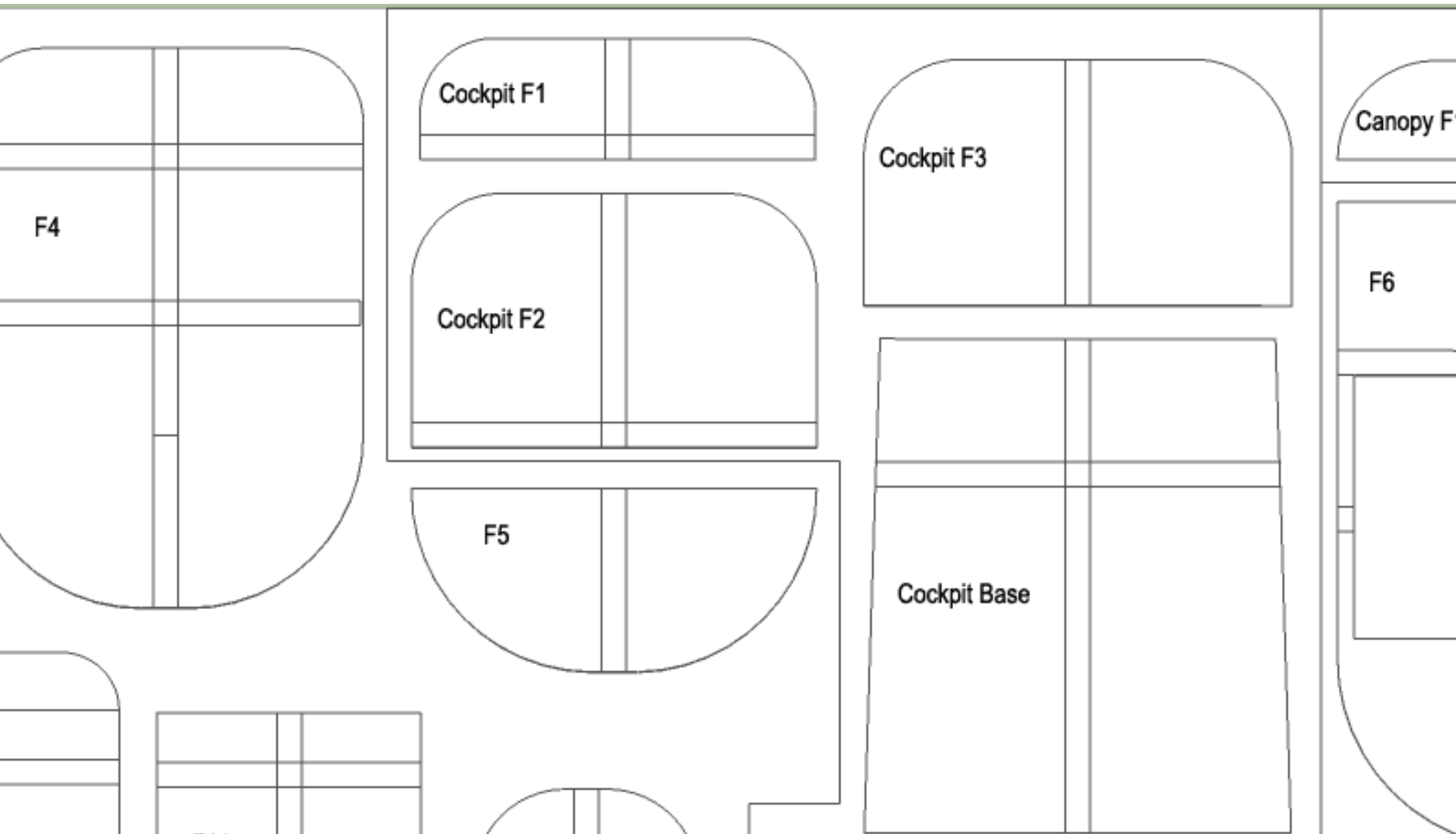
[9gsm Servo] x 6 (2 for Rudder, 1 for Elevator, 1 for Nose gear)

7th Scale

(ed Fuselage Version)



and other Anti-Clockwise)
near steering, 2 for Ailerons)



1

Canopy F2

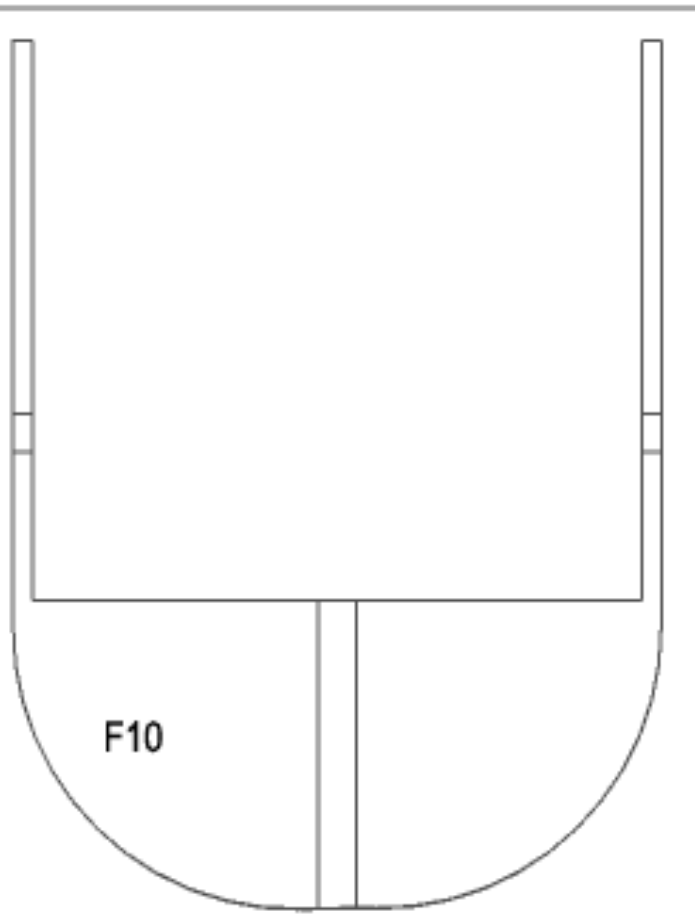
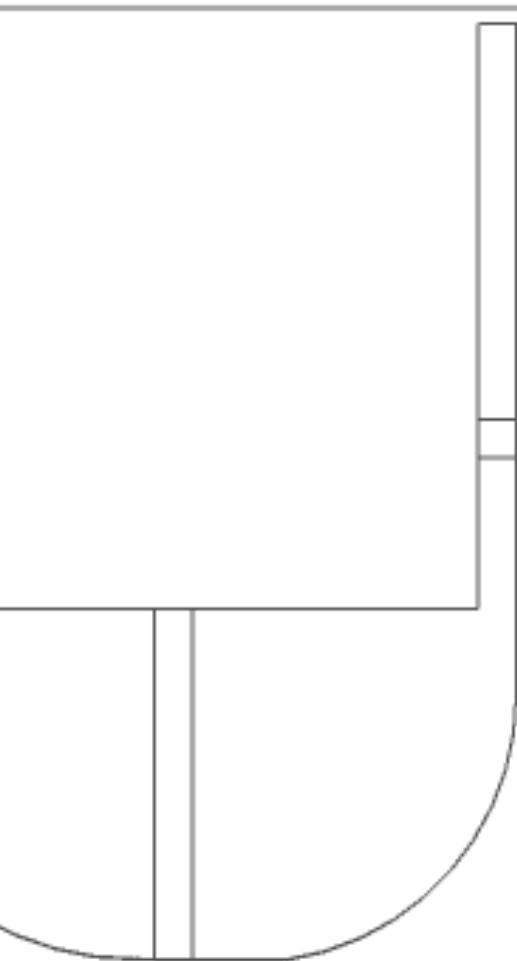
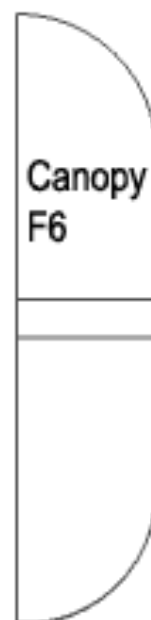
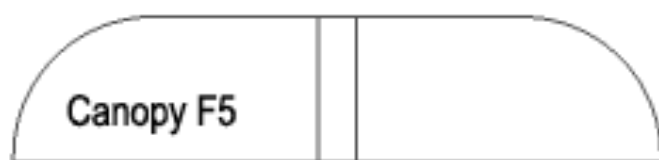
Canopy F3

Canopy

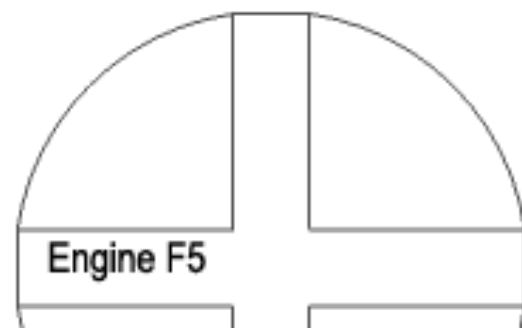
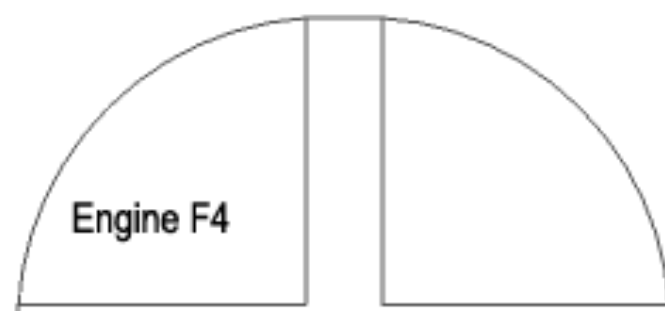
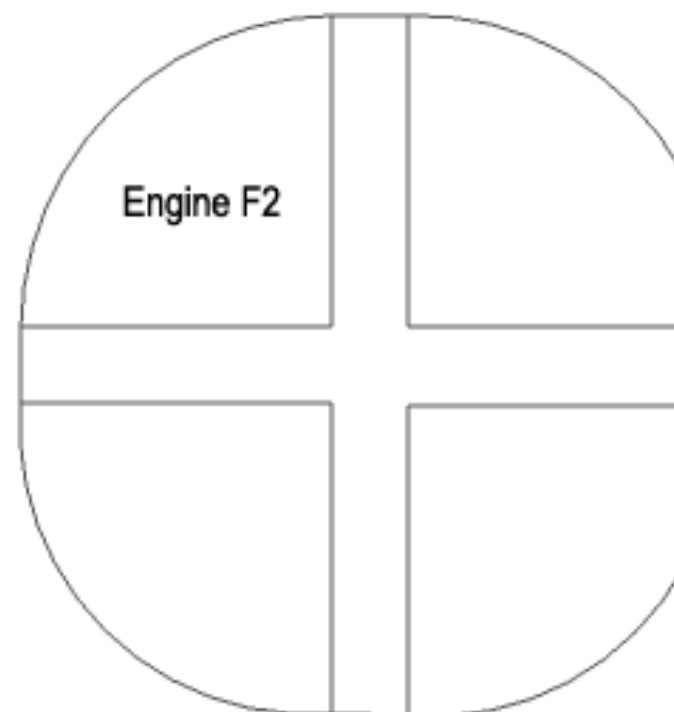
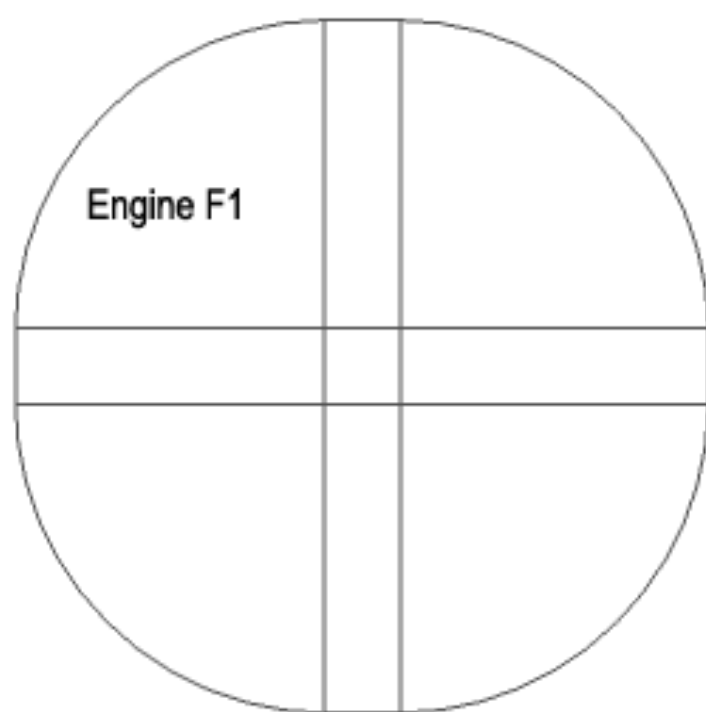
F7

F8

F9



Designed & Drawn by Sun
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neet Shah
s reserved.

F13

Engine F3

F6

Elevator Plane (Make 4 and laminate in pairs)

F14

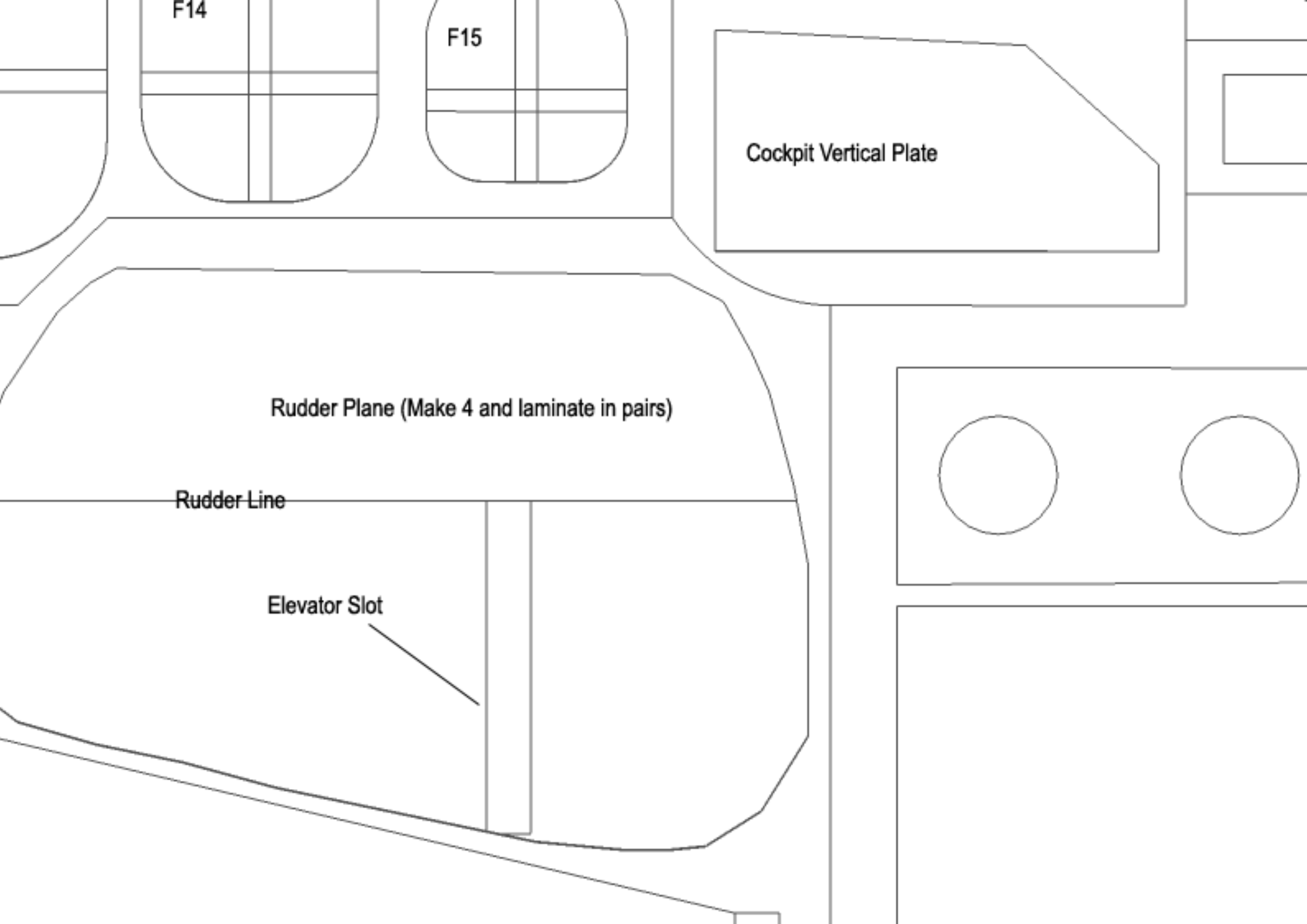
F15

Cockpit Vertical Plate

Rudder Plane (Make 4 and laminate in pairs)

Rudder Line

Elevator Slot



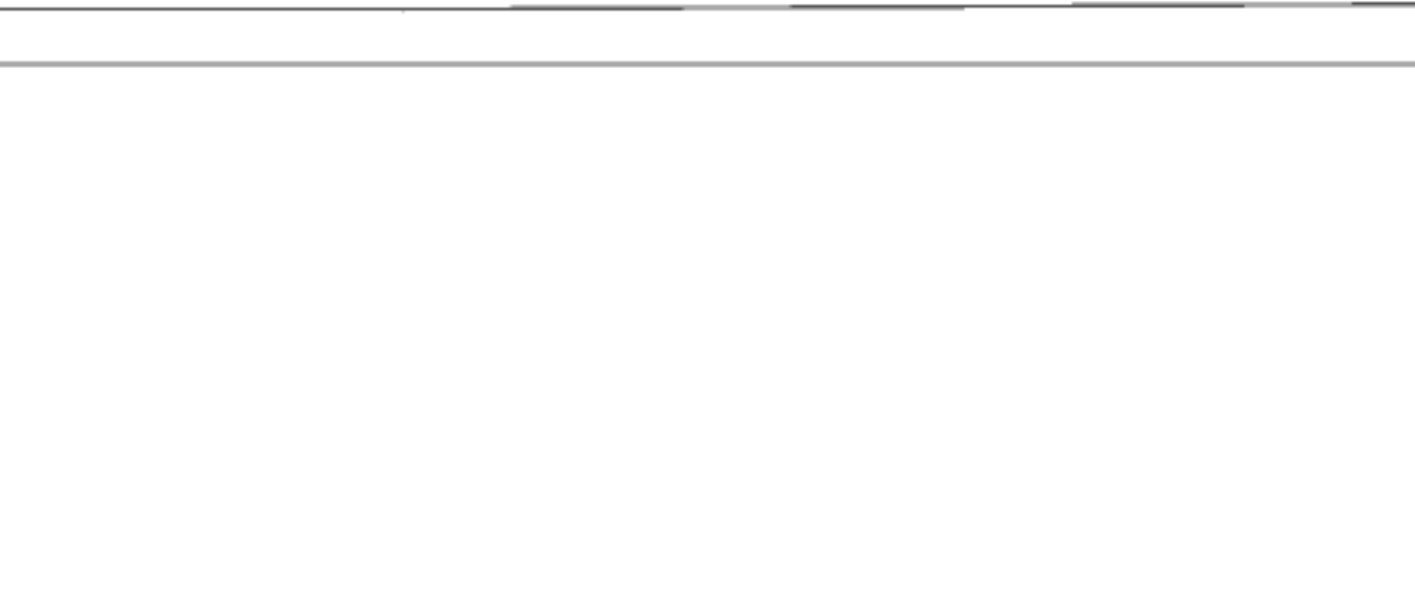
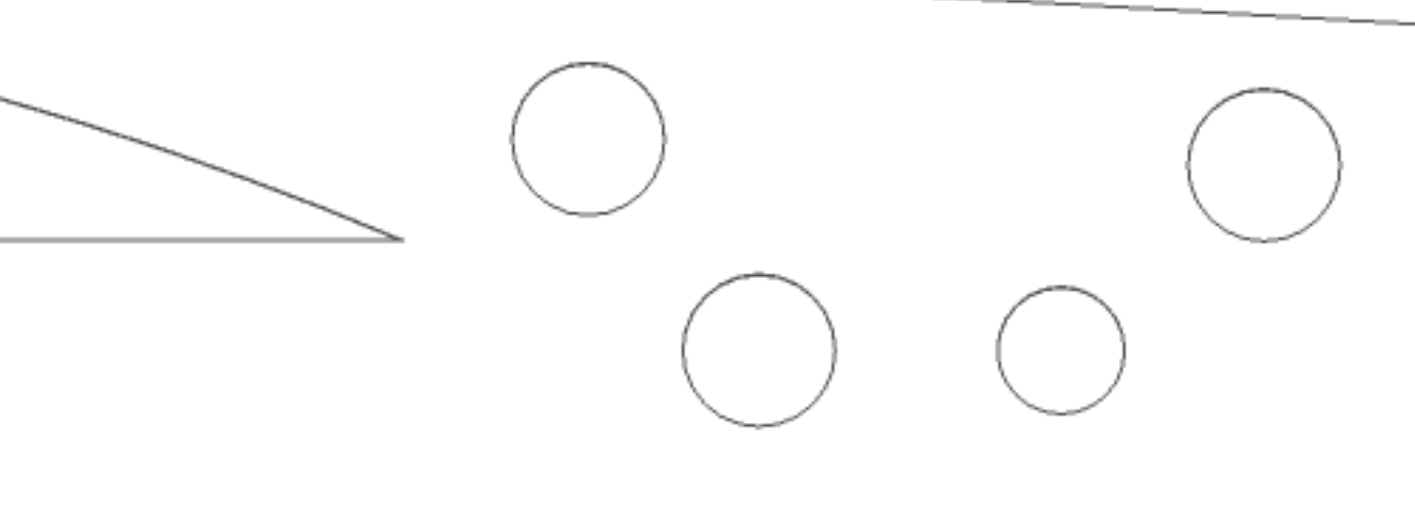
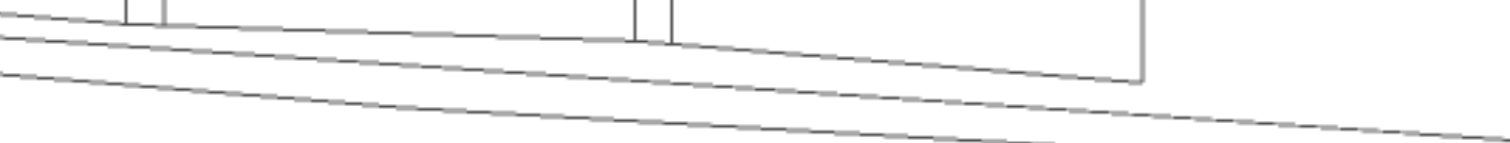
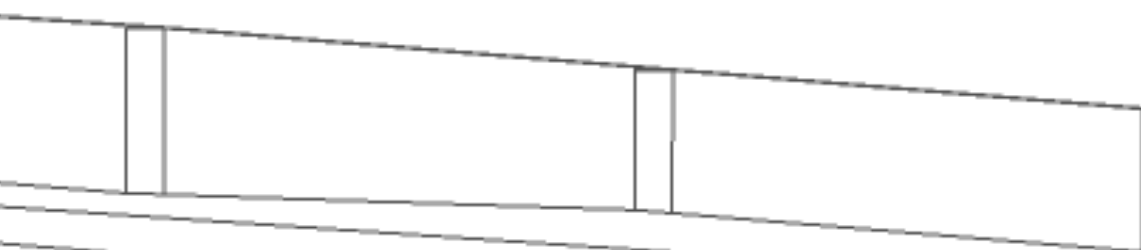


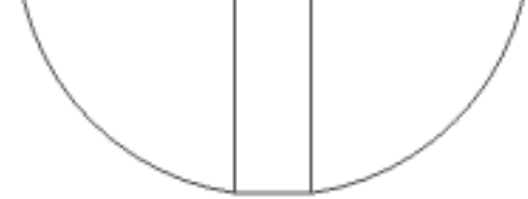
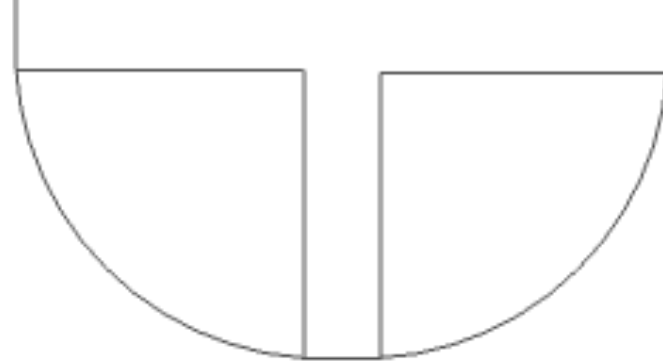
Canopy Vertical Plate

This technical drawing shows a rectangular plate with a central section that tapers to the right. On the left side, there are four circular holes arranged in a 2x2 grid. The plate is labeled 'Canopy Vertical Plate'.

Fuselage Box Right side wall (Make 1)

Fuselage Box Bottom (Make 1)





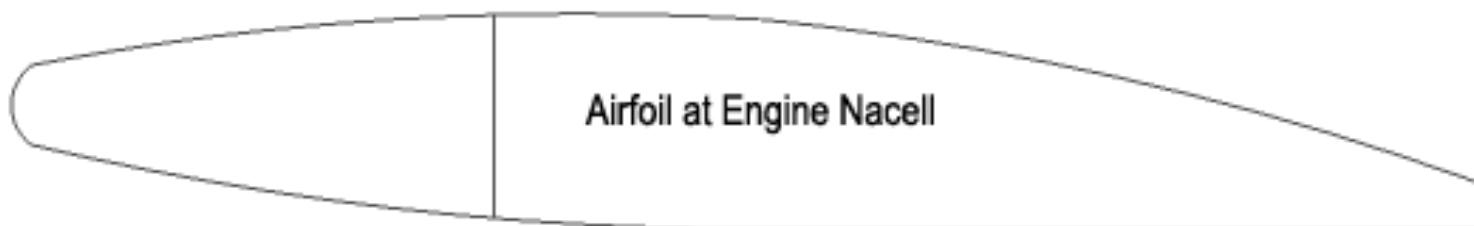
Make 2 each of all Engine formers.



Airfoil at Wing Root



Airfoil at Engine Nacell



Nose Gear



Elevator Line

Fuselage front
Horizontal Plate
(make 1)

F1

F2

F3

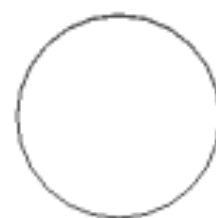
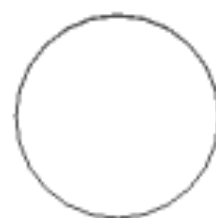
F1

F2

F3

F4

Elevator Line



Fuselage aft Horizontal
Plate (Make 1)

F12

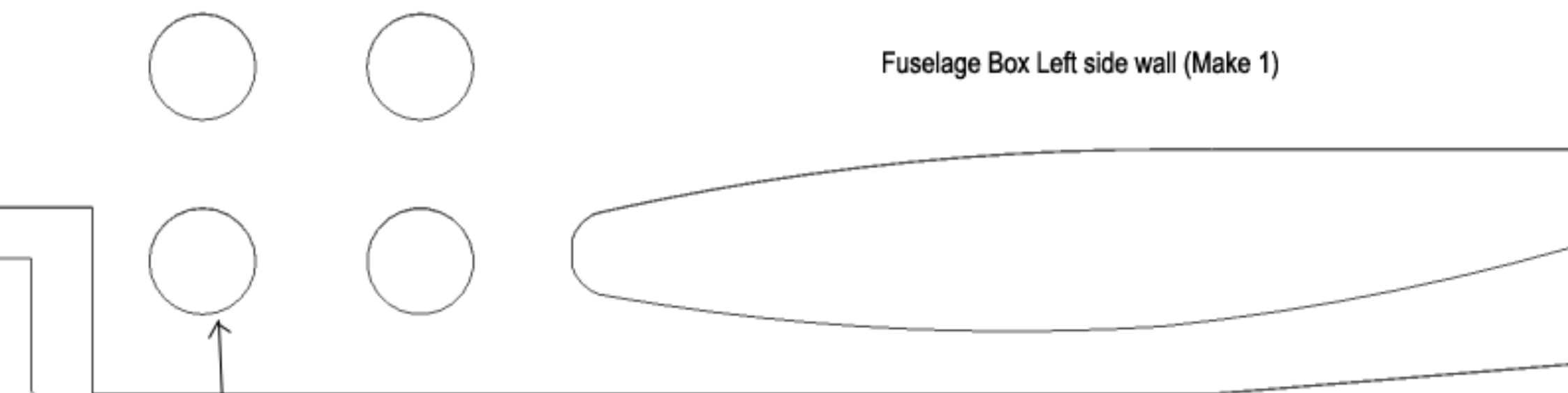
F13

F14

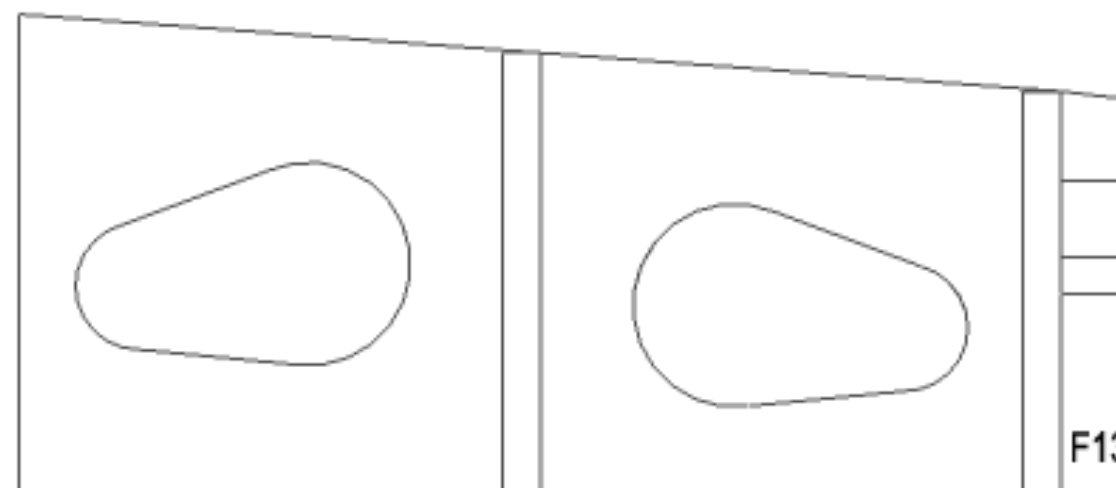
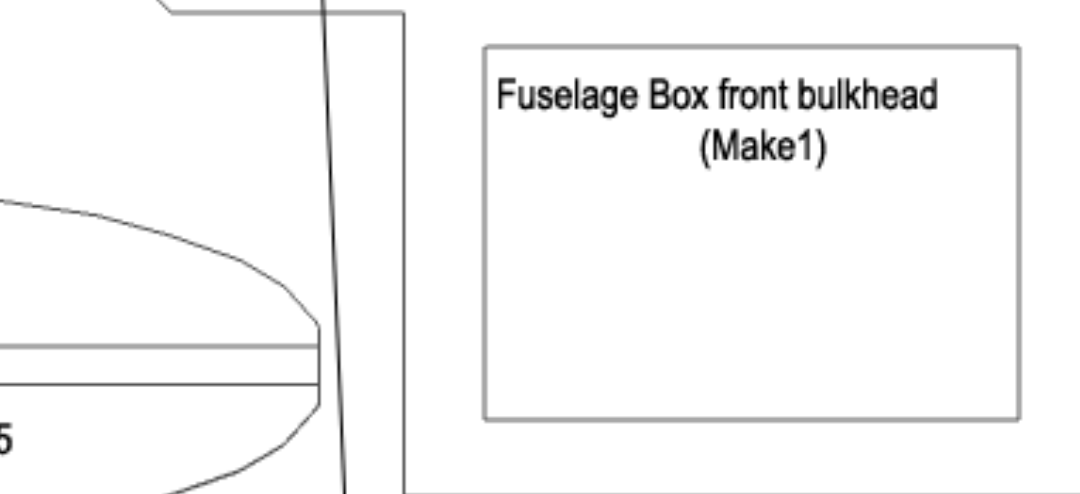
F15

Please note, Holes in the Fuselage Box s
They have no effect on plane's flying char

Fuselage Box Left side wall (Make 1)



Fuselage Box front bulkhead
(Make1)

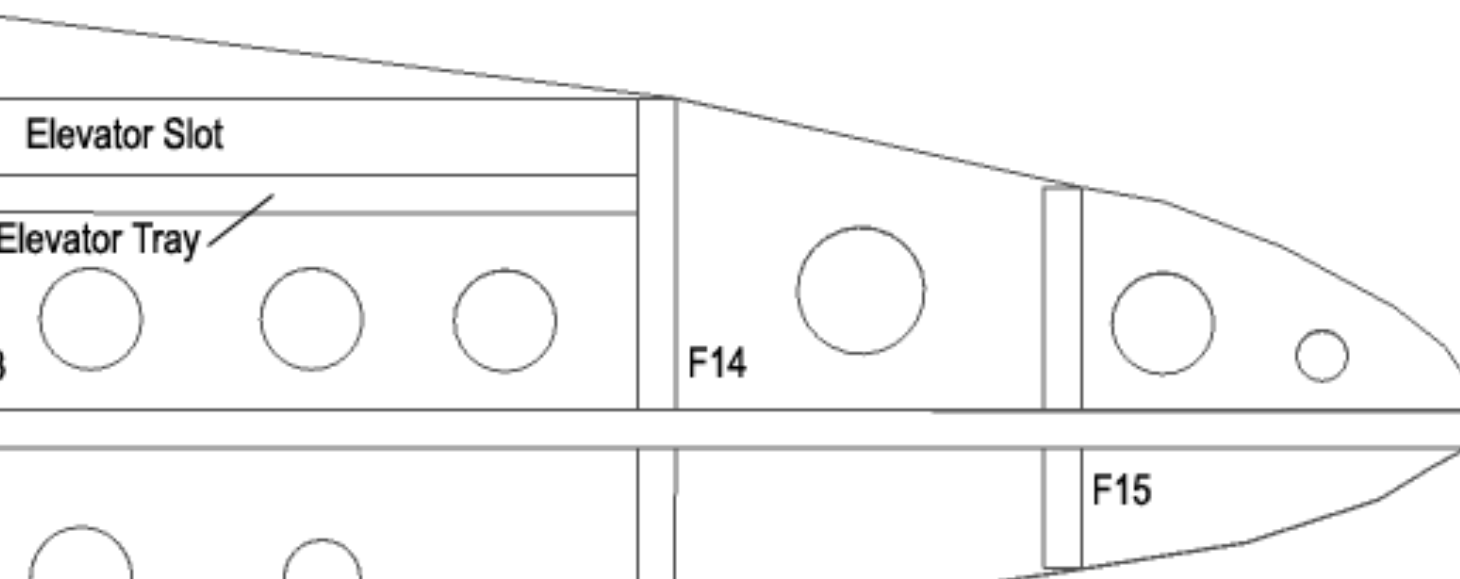
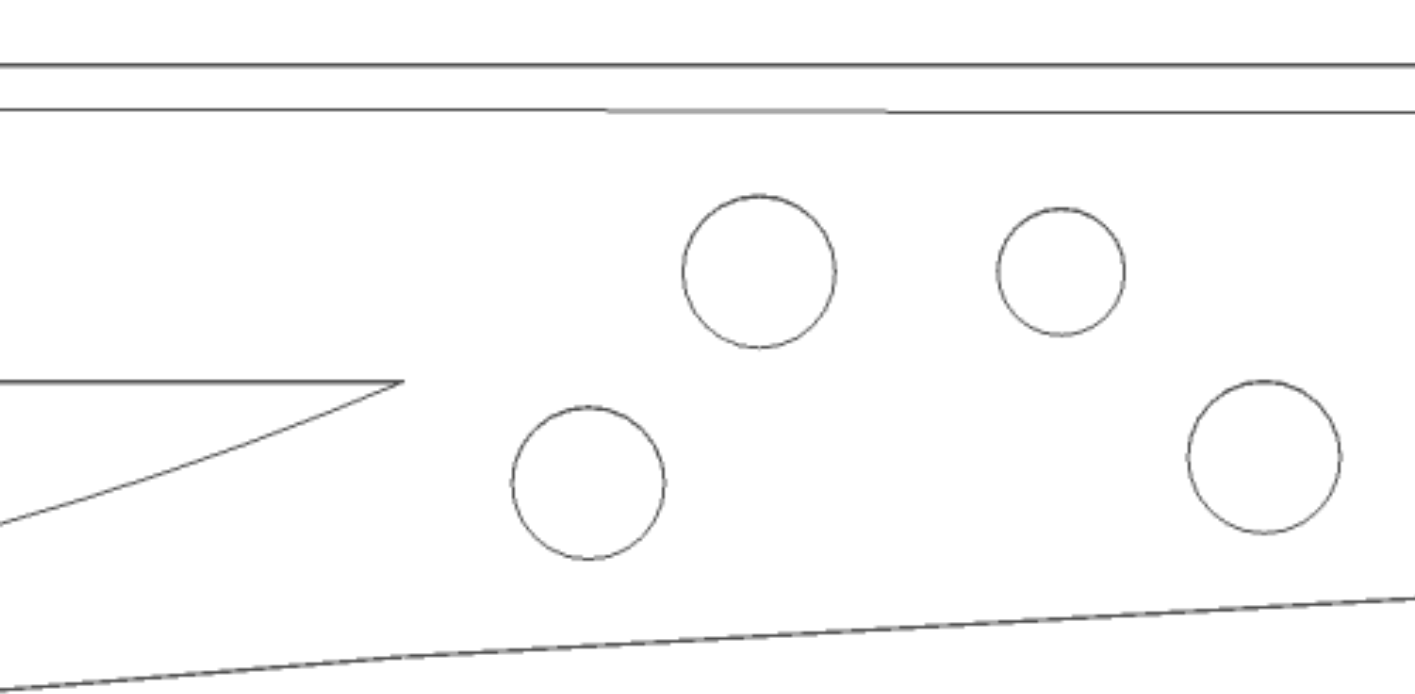


side walls and Fuselage vertical Plate are just to reduce weight.
characteristics. Builder may or may not choose to make these holes.

F11

F12

F13

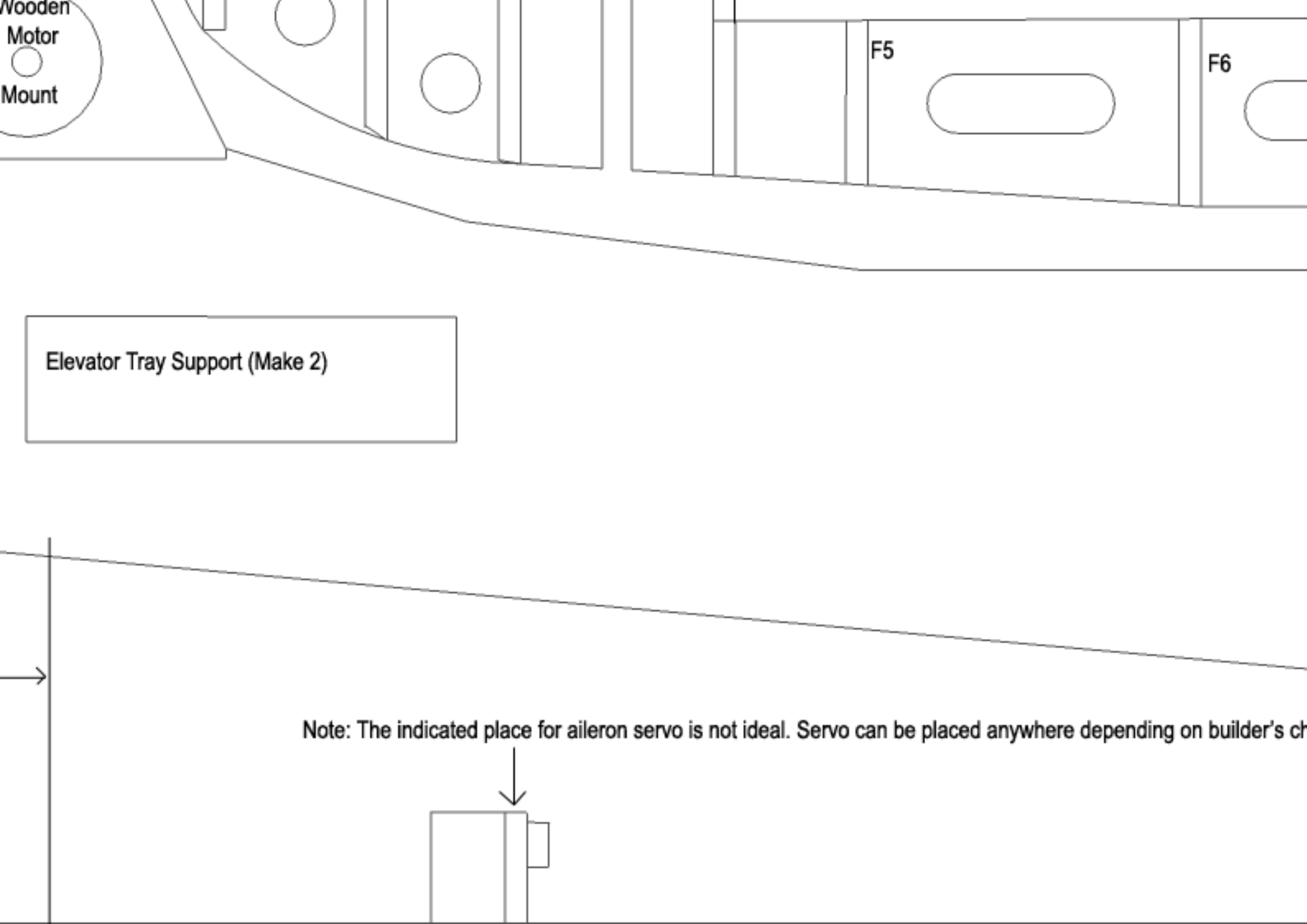


Nose Gear
Firewall (Make 2)
Cut from 2mm
Plywood

Landing Gear firewall (Make 2)
Cut from 2mm Plywood

Elevator Tray (Make 1)

Center the Engine nacell on this line———



Wooden
Motor
Mount

F5

F6

Elevator Tray Support (Make 2)

Note: The indicated place for aileron servo is not ideal. Servo can be placed anywhere depending on builder's choice.

Fuselage Vertical Plate (Make 1)

F7

F8

Engine Nacell Vertical Plate

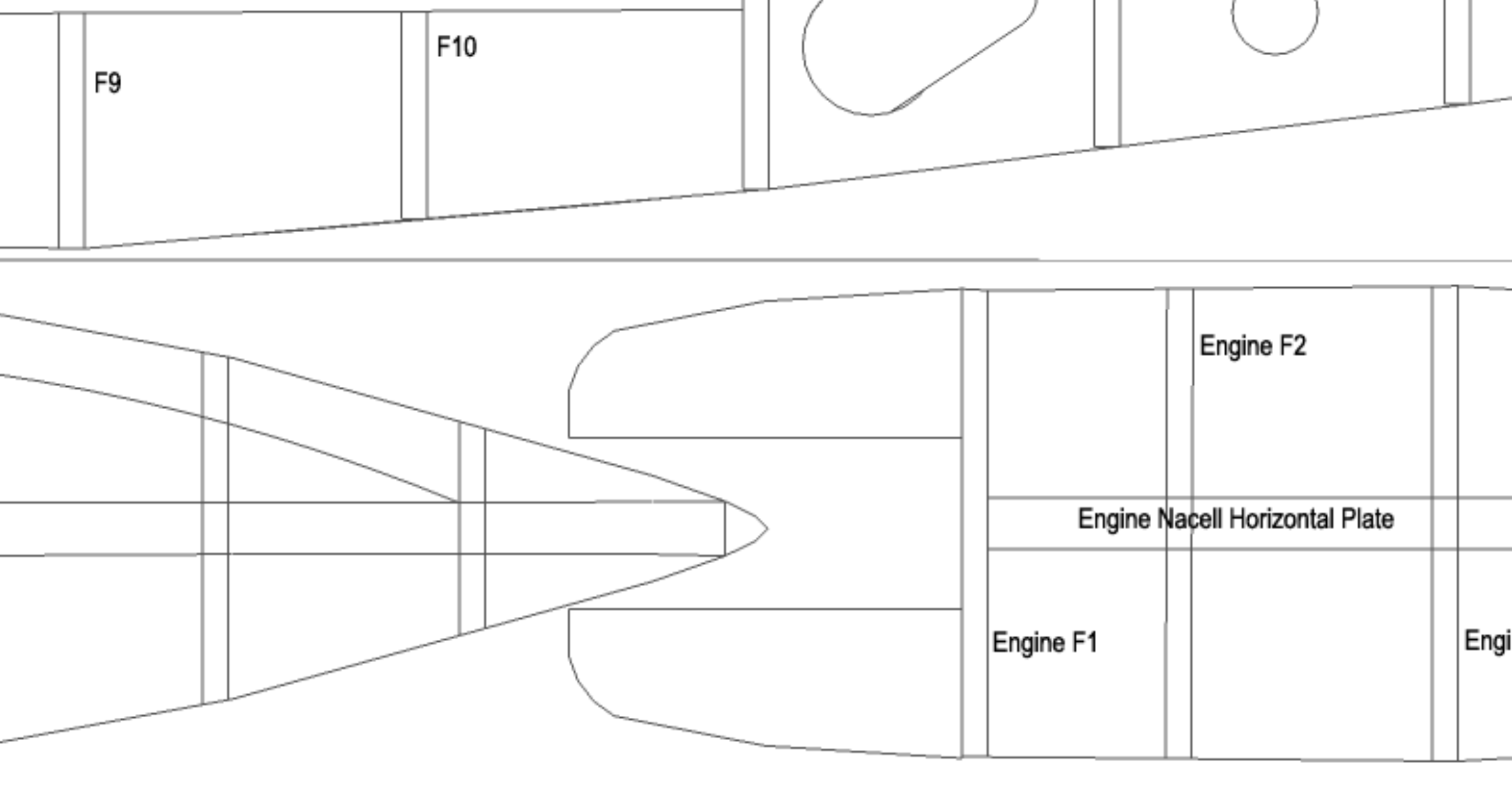
Note:

Cut all the parts from 5mm Depron (Biofoam is also a good choice, but Biofoam is more expensive and harder to work with).
sure helpful.

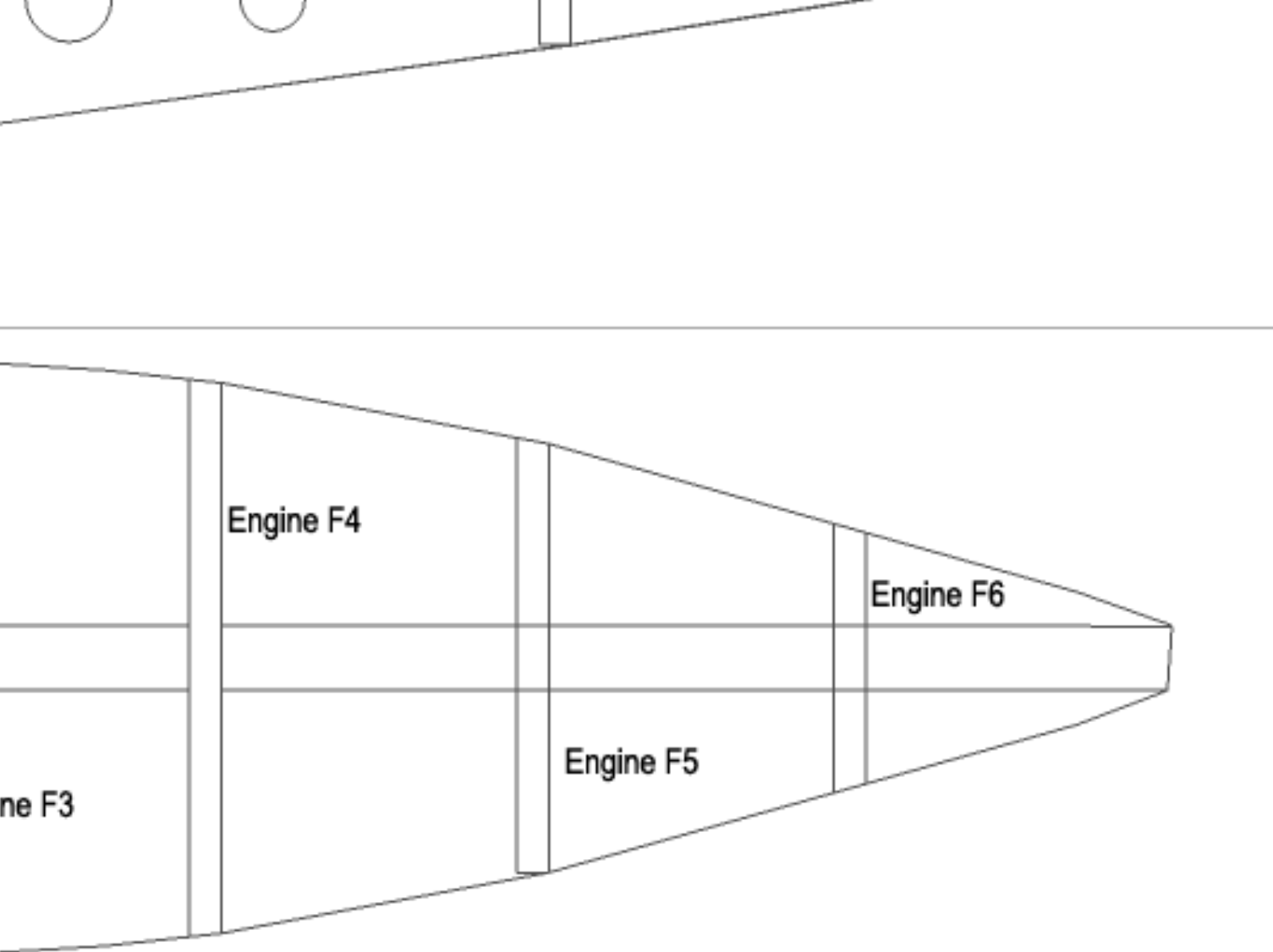
Landing gear recommendations:

Nose wheel Diameter: 45mm

Main Gear wheel Diameter: 70mm



am) unless mentioned. Use 3mm foam for skinning of the fuselage and wing. Previous experience in scratch building F



R/C planes will be

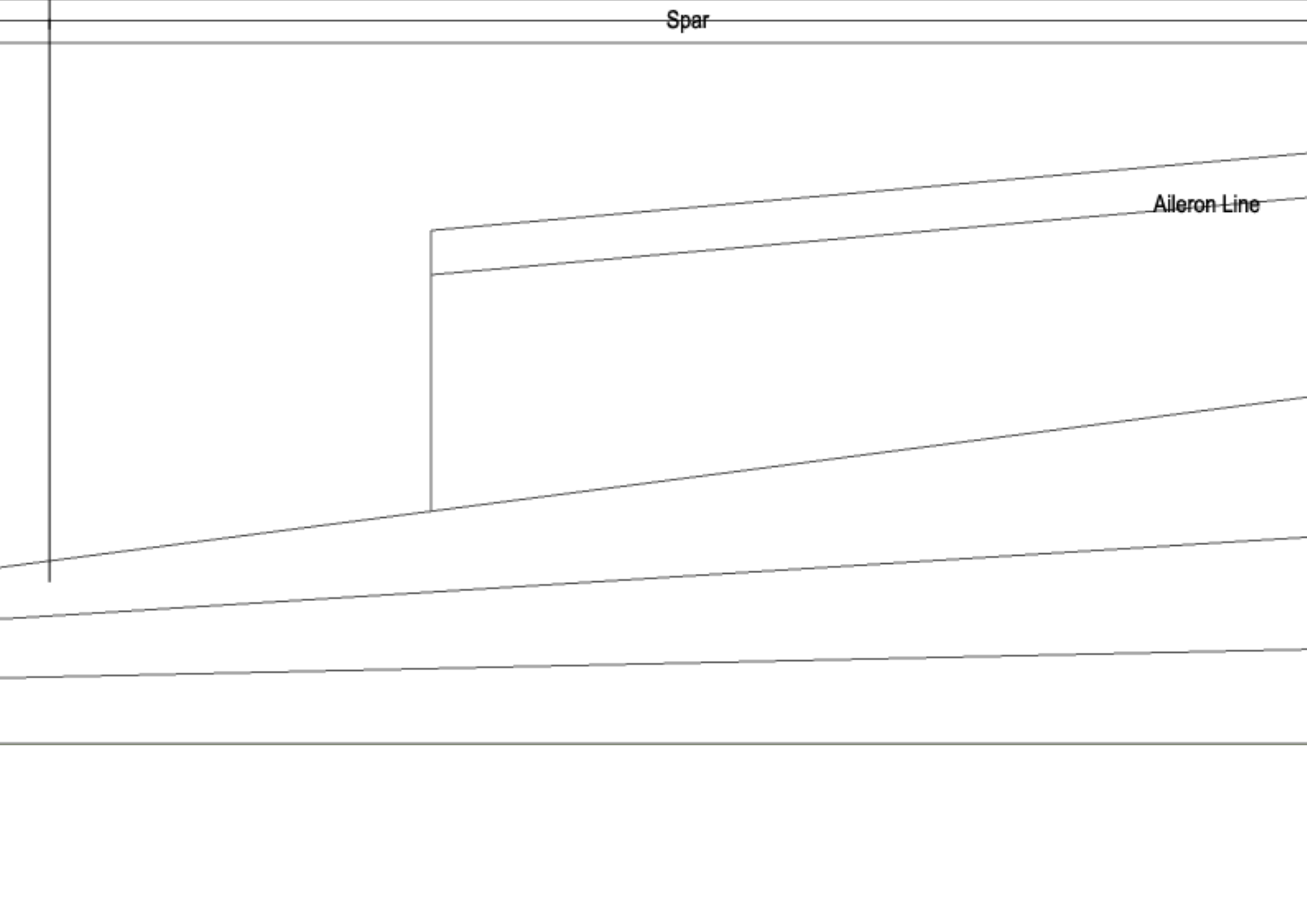
6
5

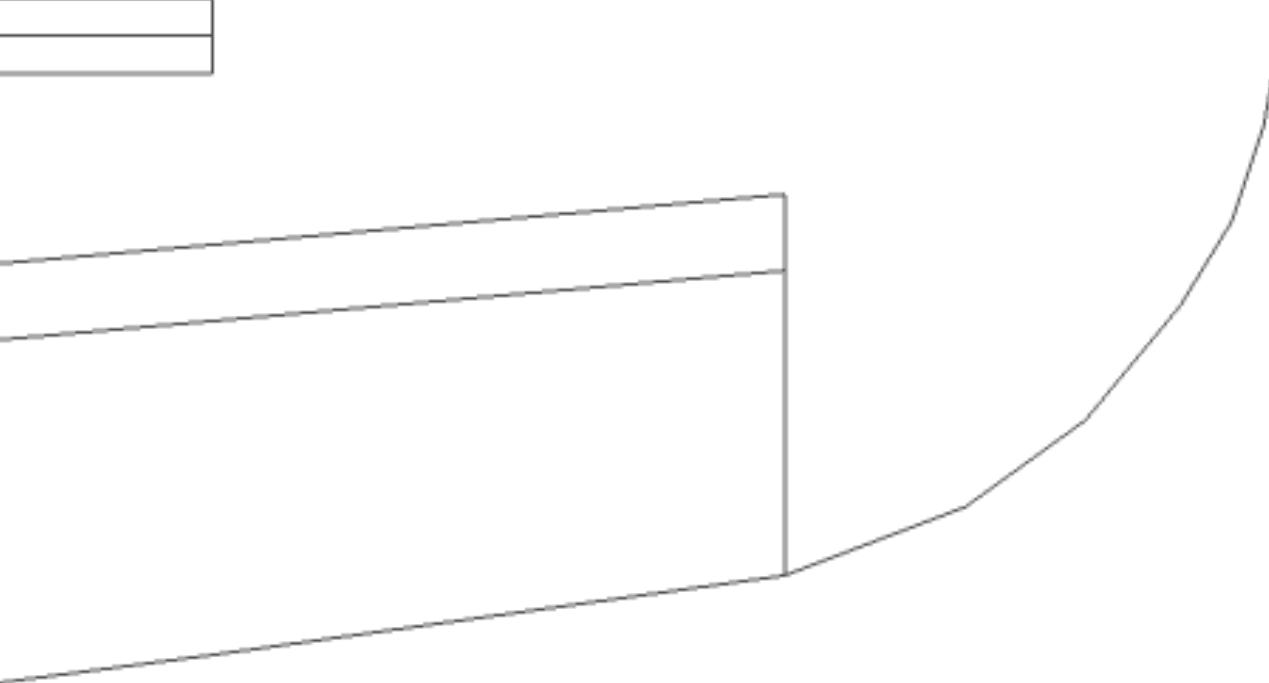
Center of Gravity Line



Spar

Aileron Line





Use Bike tyre spokes to make landing

The cockpit is to be made removable to recommend making the cockpit with clear thickness of foam block). Always keep in own good.

Refer to "<http://www.rcgroups.com/fo>

"I recommend this plane for "In

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Spar (Make 1 of 10mm thickness with the material of choice)

g gears.

make the nose servo accessible. Removable Cockpit and main Canopy can be made using any method depending on the material used. The canopy can be made of PET film. While the canopy can be made of a solid foam block (multiple foam sheets laminated together in case you don't have a large block). In my mind, Both the recommended methods require experience and "again" it depends on builder to choose an appropriate method.

[rcgroups.com/showthread.php?t=1558799](http://www.rcgroups.com/showthread.php?t=1558799)" for more building instructions and pictures.

Intermediate" builders and flyers."

any of any failed building or flying attempt.

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builder's choice. I
't find appropriate
method for his/her

