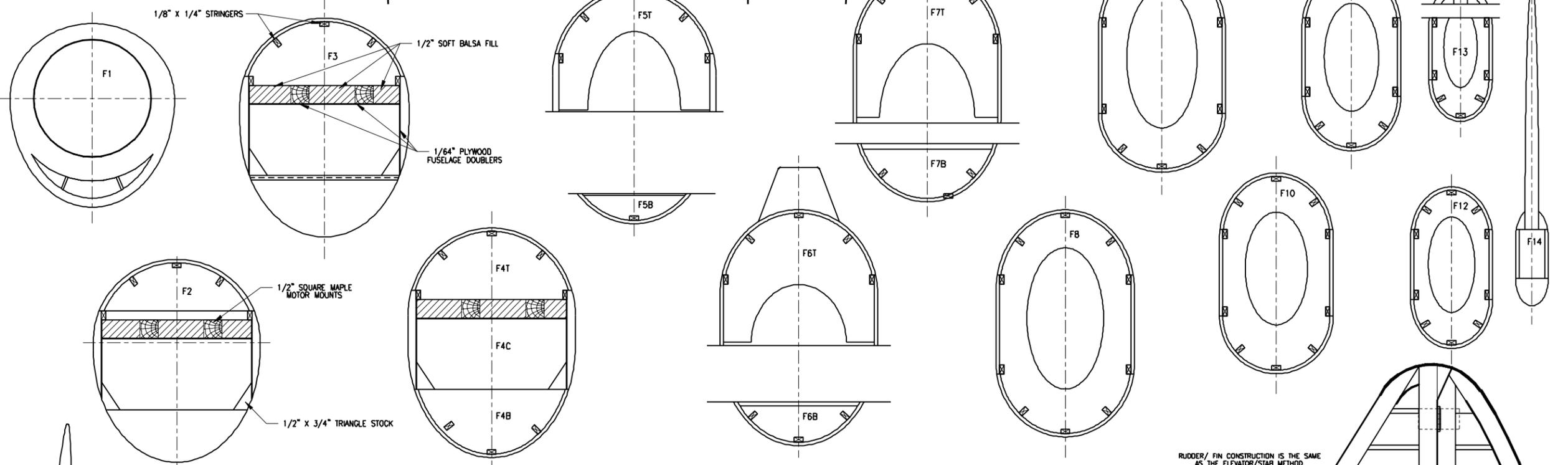
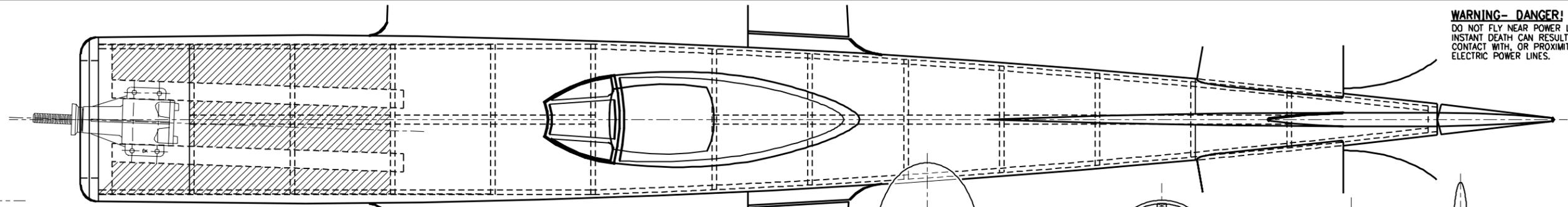
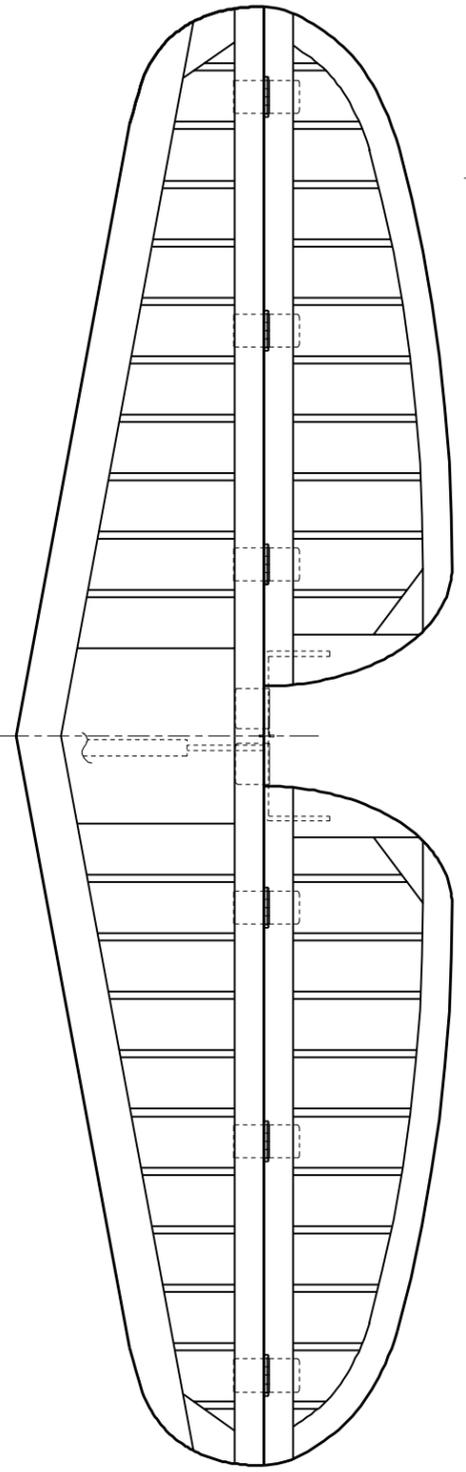


WARNING- DANGER!
 DO NOT FLY NEAR POWER LINES!
 INSTANT DEATH CAN RESULT FROM
 CONTACT WITH, OR PROXIMITY TO
 ELECTRIC POWER LINES.

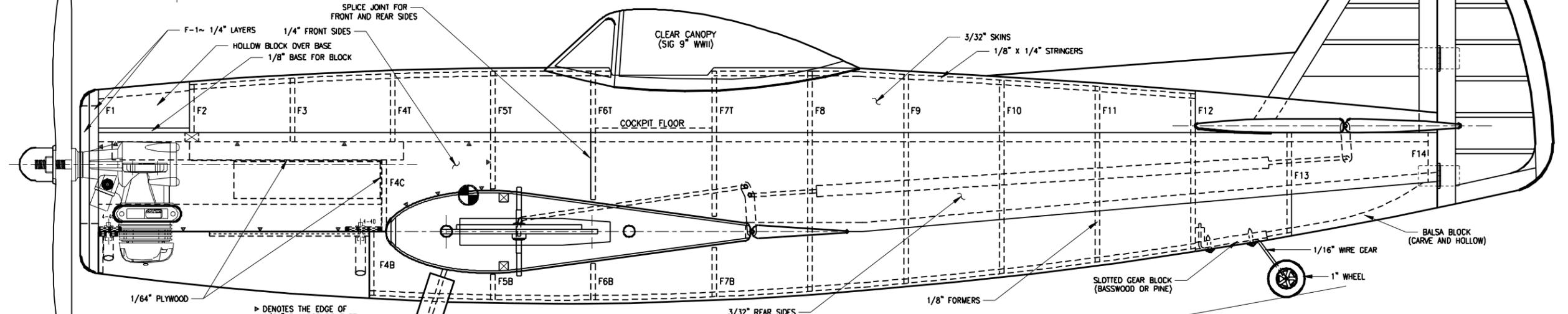
TAIL CONSTRUCTION NOTES:
 THE TAIL PARTS ARE ALL CONSTRUCTED WITH A
 3/8" FRAME AND 1/8" RIBS. TAPER THE TIPS
 TO 3/16" TO 1/4" THICK. NOTE THE SAMPLE
 TAIL SECTION AS A GUIDE.

TYPICAL STAB SECTION

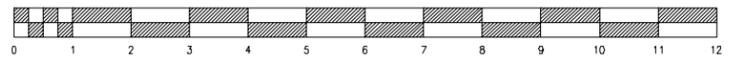
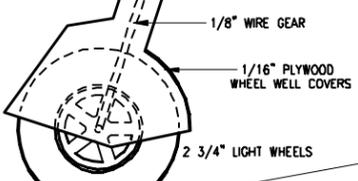
TAPER THE TIP TO 1/4"



RUDDER/ FIN CONSTRUCTION IS THE SAME
 AS THE ELEVATOR/STAB METHOD.



COWL CONSTRUCTION:
 FORM THE COWL FROM BEADED FOAM. INSTALL
 THE MOUNTING PLATES AND UNDERLIT THE FOAM
 APPROXIMATELY 1/32" TO ALLOW FOR THE GLASS
 CLOTH. GLASS OVER THE FOAM WITH TWO LAYERS
 OF 6 OUNCE CLOTH AND ONE LAYER OF 2 OUNCE
 CLOTH ON THE OUTSIDE. USE SLOW SET EPOXY.
 WHEN SET, TRIM THE EXCESS CLOTH. REMOVE THE
 FOAM AND CUT VENTS ADEQUATE FOR COOLING THE
 ENGINE. SAND THE WHOLE COWL AND FINISH WITH
 PRIMER AND PAINT.



P47D THUNDERBOLT

DESIGNED BY PAT JOHNSTON
 55 1/4" SPAN 579 SQ. IN.
 .40 - .46 ENGINES 42-46 oz.
 AUTOCAD by PAT JOHNSTON 1-20-11

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