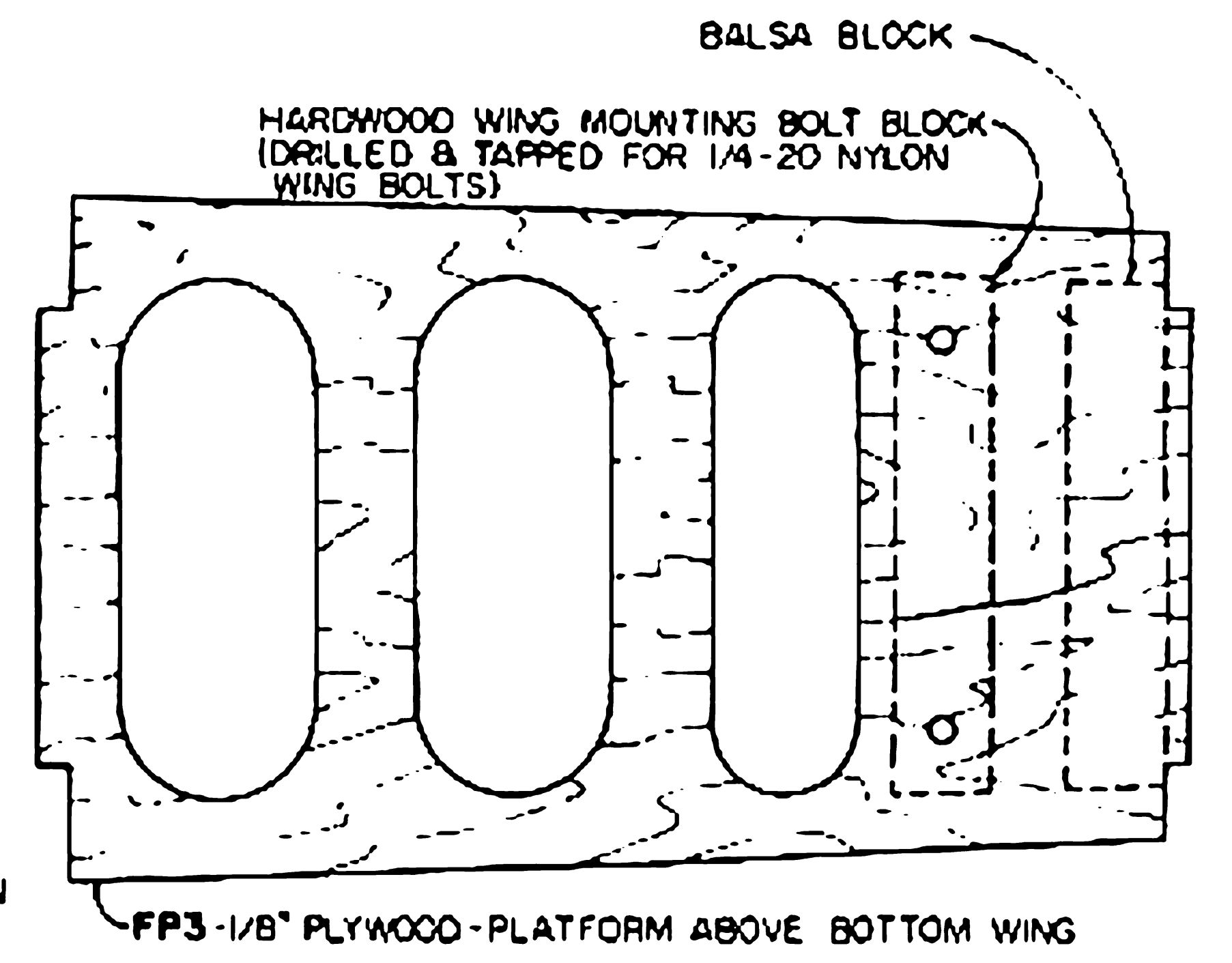


① CUT 1/16" GROOVE IN EACH FACE OF 2 PIECES OF 1/8" X 1/2"

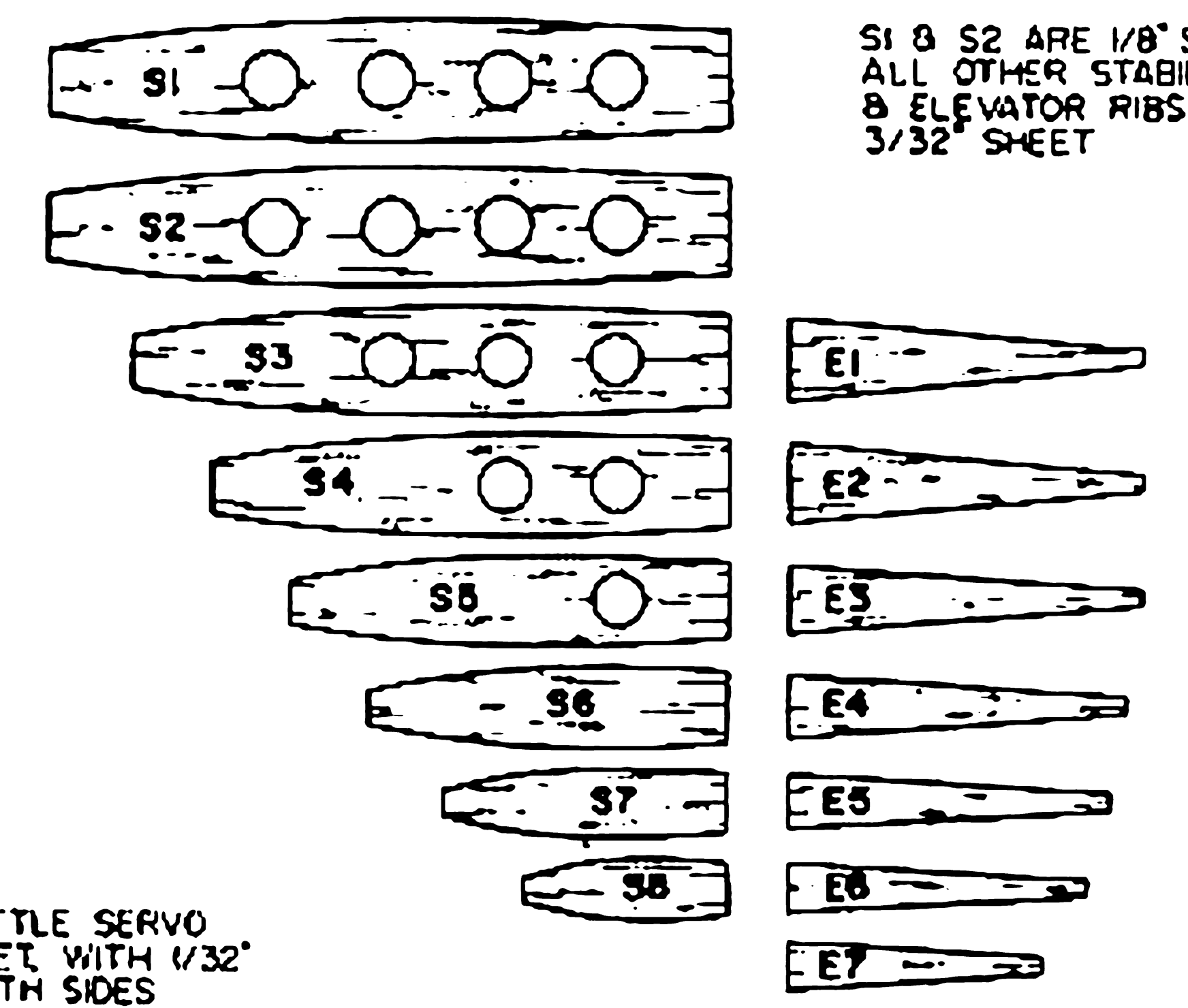
② GLUE PIECES TOGETHER AROUND MAIN CABANE STRUT WIRE LEGS & SAND TO AN AIRFOILED, TEARDROP SHAPE

CABANE STRUT DETAIL

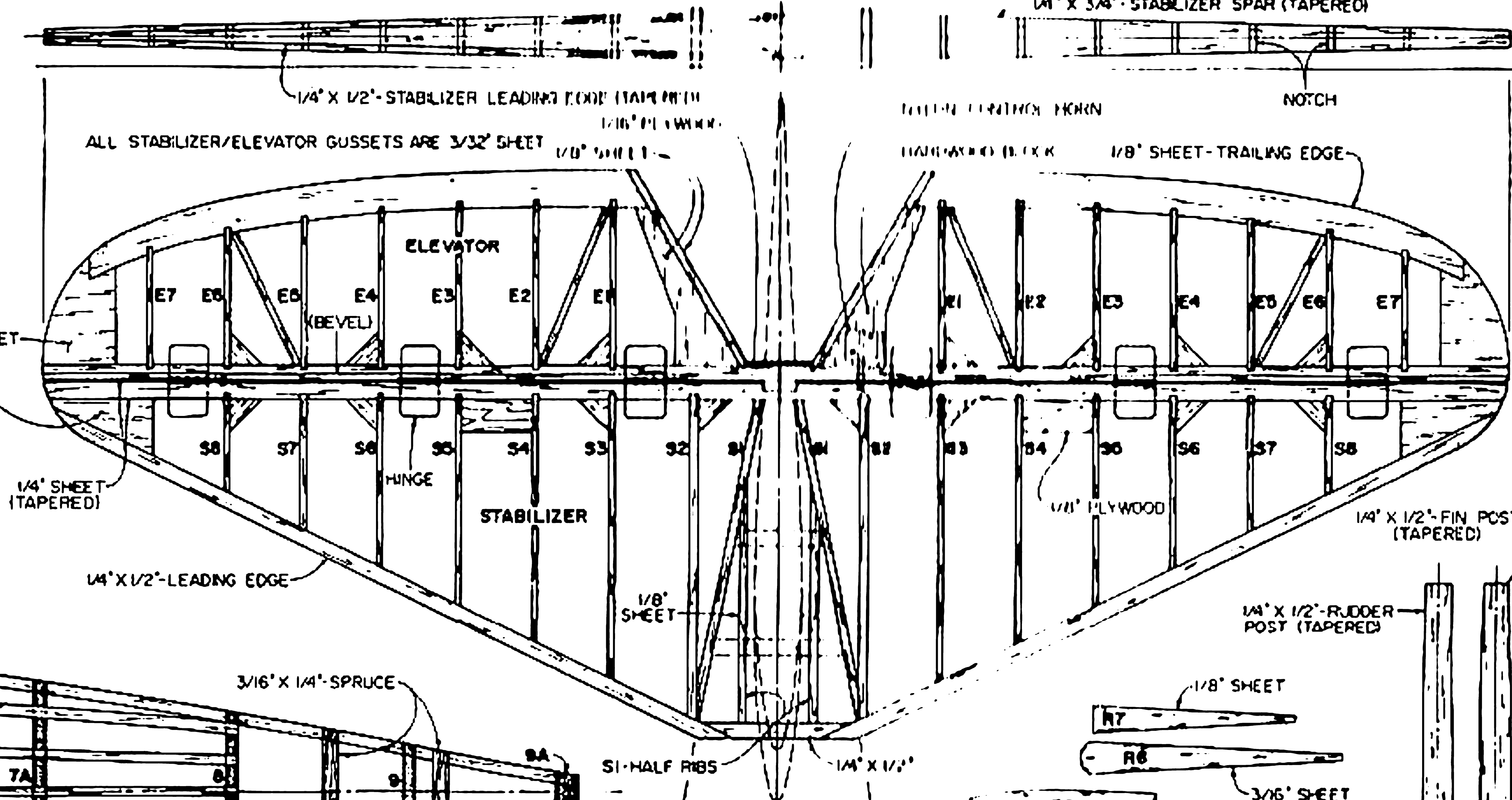


FP3 - 1/8" PLYWOOD - PLATFORM ABOVE BOTTOM WING

S1 - HALF RIB - BEVEL TO FIT



S1 & S2 ARE 1/8" SHEET  
ALL OTHER STABILIZER & ELEVATOR RIBS ARE 3/32" SHEET



**RECOMMENDED CONTROL SURFACE TRAVEL LIMITS**  
 ELEVATOR - 1" (27°) UP & DOWN  
 ALERONS - 3/4" (18°) UP & DOWN  
 RUDDER - 1-3/4" (26°) LEFT & RIGHT

NOTE: ALL FUSELAGE STRINGERS & LONGERONS ARE NOT SHOWN, FOR CLARITY

BEND 3/8" OF 3/32" MUSIC WIRE OUTWARD AND SOLDER ON FAHNSOCK CLIPS (OR TERMINAL LUGS), POSITIONED TO ALIGN WITH WING MOUNTING BLOCKS

WRAP & SOLDER 3/32" MUSIC WIRE

AILERON SERVO CABLE RUNS DOWN RIGHT REAR CABANE STRUT. MOUNT AILERON SERVO CONNECTOR, CHARGING PLUG, & ON/OFF SWITCH ON RIGHT SIDE

FABRICATE WINDSHIELD/CANOPY FROM FLATTENED 3/32" BRASS TUBING AND BRASS ANGLE STOCK. SILVER SOLDER CORNERS. GLUE IN CLEAR BUTYRATE PLASTIC SHEET. SCREW INTO SPRUCE AS SHOWN, WITH NO 1 (3/8" LONG) BRASS ROUND HEAD WOOD SCREWS

Balsa strut fairing (see detail above)

1/8" NYLON LANDING GEAR STRAP

1/8" PLYWOOD - FUEL TANK COMPARTMENT TOP

3 STRIPS OF 1/8" X 3/8" SPRUCE

SCRAPS OF 1/32" PLYWOOD UNDER 4 SCREW LOCATIONS

3 STRIPS OF 1/8" X 3/8" SPRUCE

1/8" SHEET

FABRICATE SIMULATED WHEEL WELL RECESS FROM 1/8" SHEET WITH CONCAVE Balsa FILLING

3-1/2" WHEEL

NOTE: FABRICATE BOTTOM WING/FUSELAGE FAIRINGS FROM Balsa SHEET

NOTE: ALL WOOD IS Balsa, UNLESS NOTED OTHERWISE. FORMERS 5 THROUGH 9 CAN BE LITE-PLY CONSTRUCTED AS SHOWN. 6 OUNCES OF LEAD WAS REQUIRED IN COWL OF PROTOTYPE

ALL COMMERCIAL RIGHTS RESERVED

**CURTISS HELLDIVER SBC-4**

A 46 (2S) POWERED STANDBY SPORT SCALE DESIGN

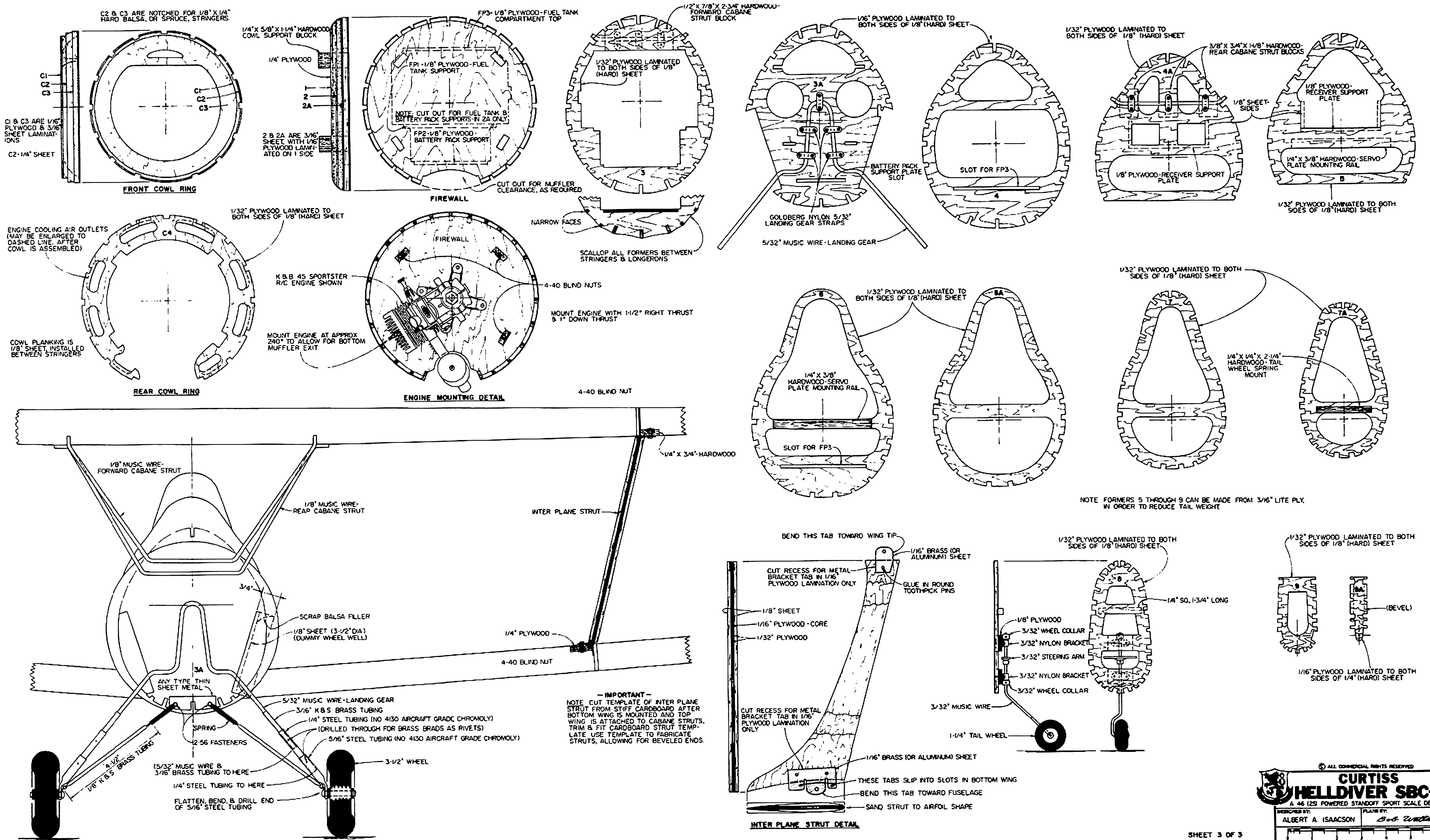
DESIGNED BY: ALBERT A. ISAACSON

PLANS BY: *Bob Wallis*

SHEET 1 OF 3

PLAN NO. 1220





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**CURTISS HELLDIVER SBC-4**  
 A 46 (25) POWERED STANDOFF SPORT SCALE DESIGN

DESIGNED BY: ALBERT A. ISAACSON  
 PLANS BY: Bob Wallace