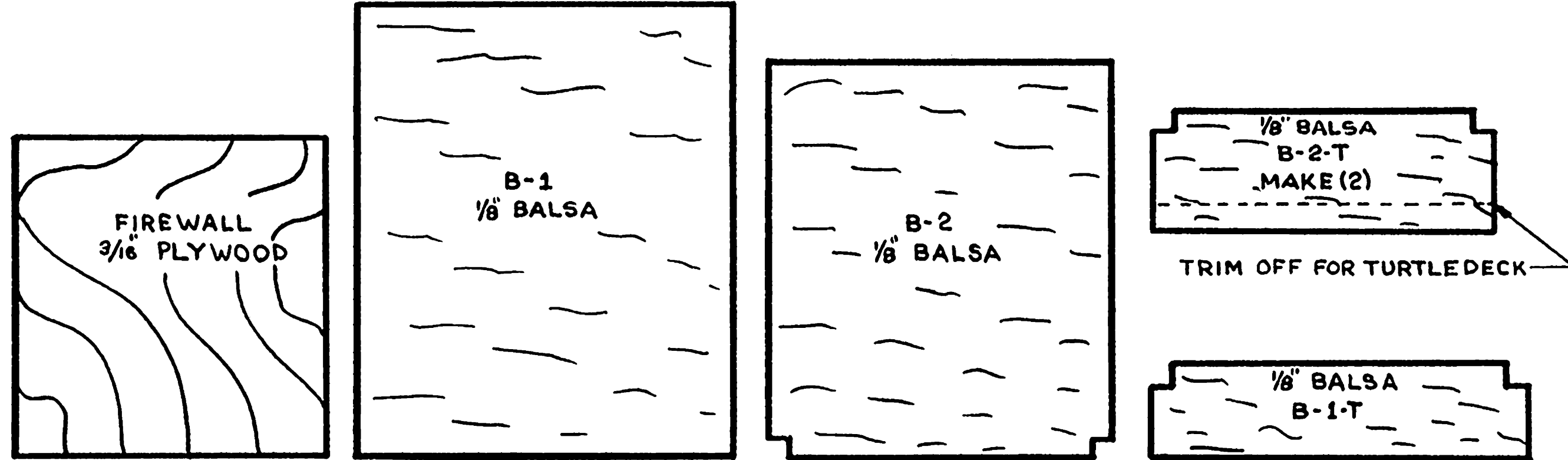
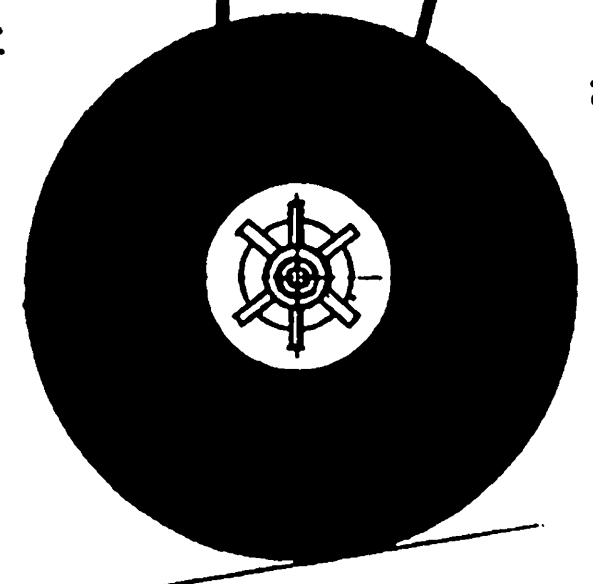
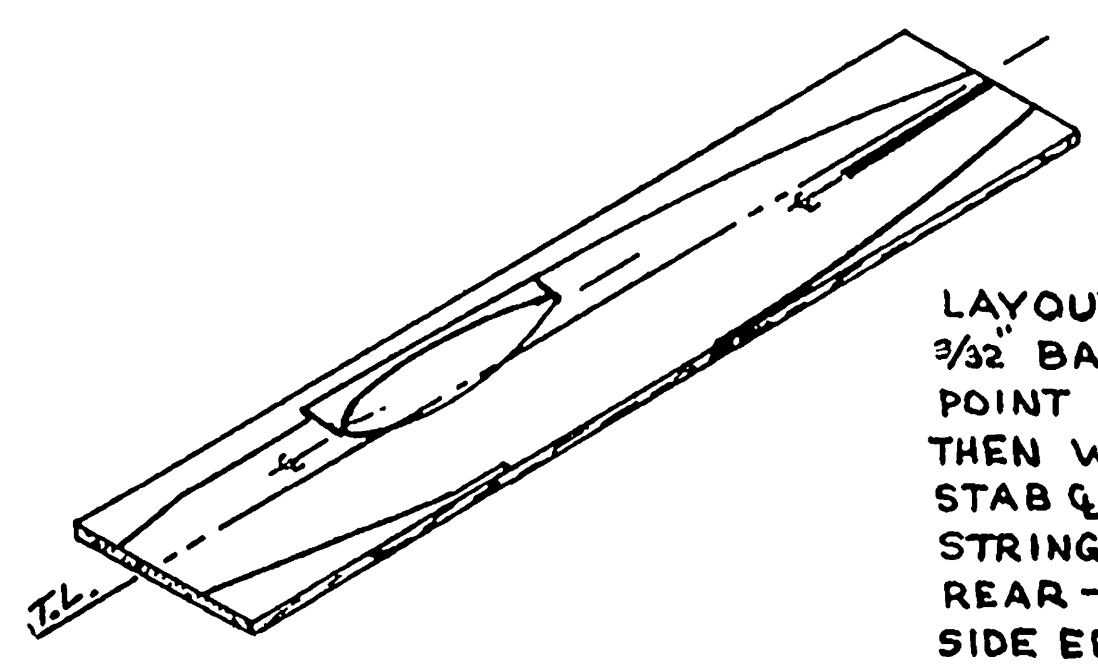
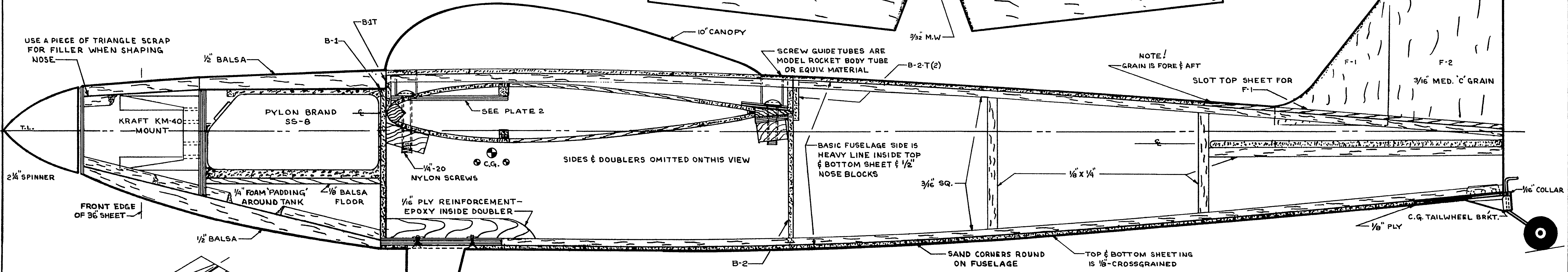
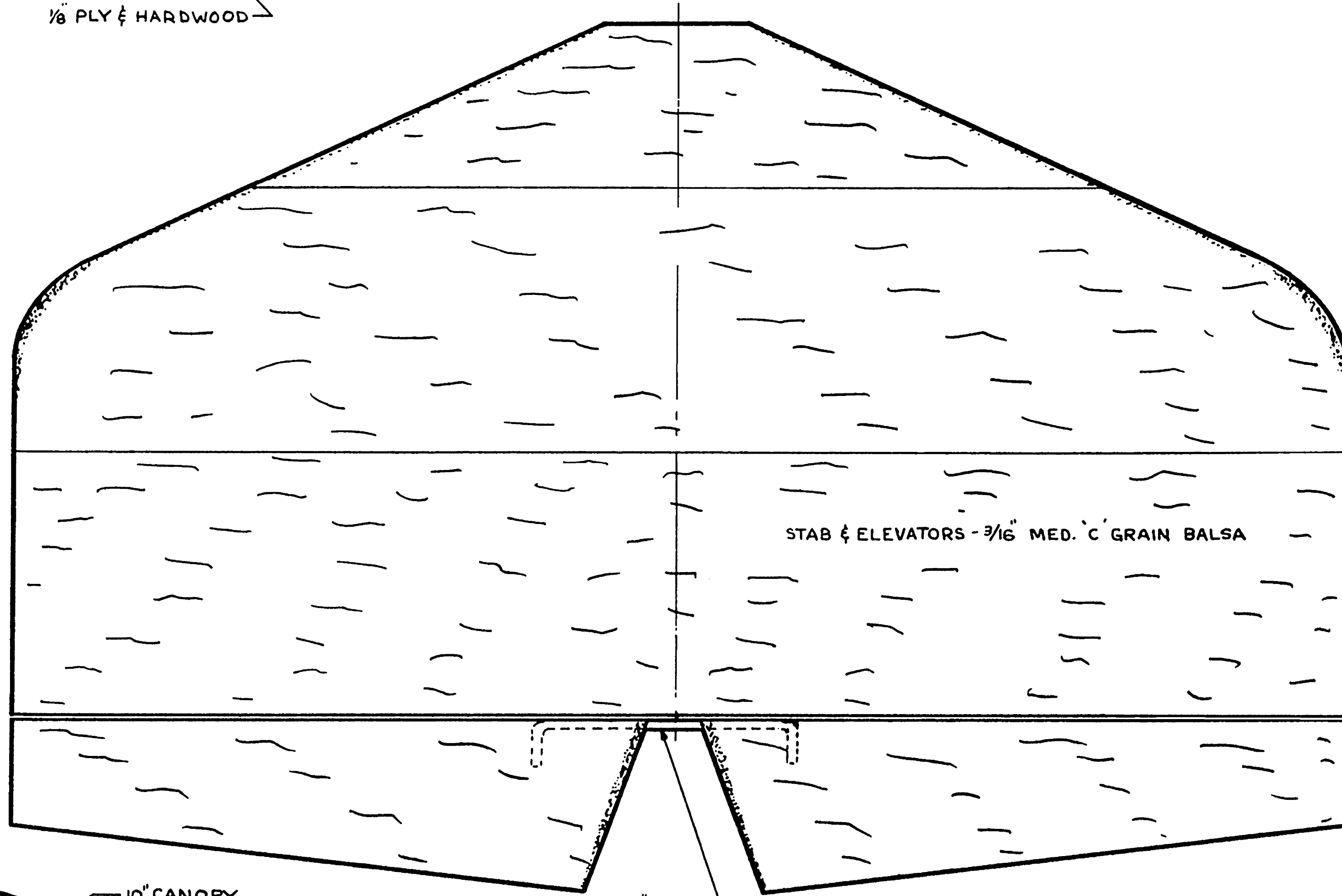
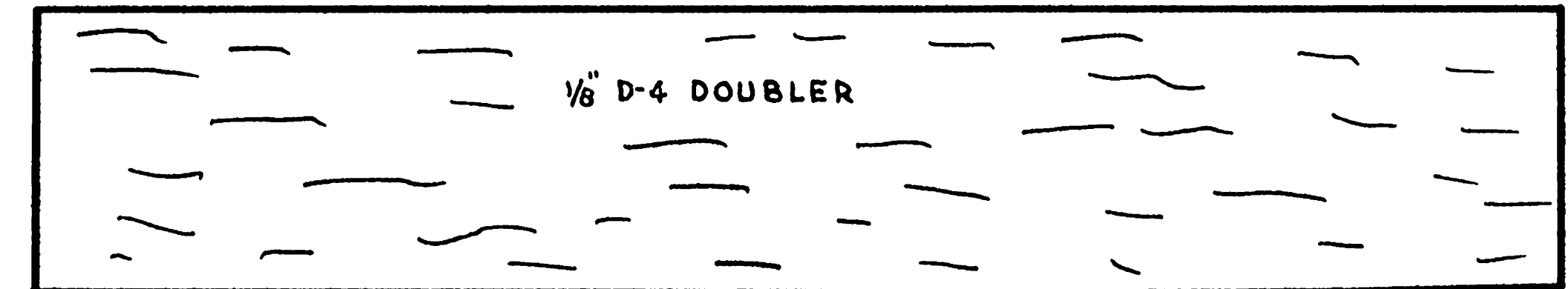


USE SCRAP 1/8" BETWEEN D-2 & D-3,4 WHEN GLUEING DOUBLERS TO SIDES - 3/16" BETWEEN D-1 & D-2. THIS STEP ALLOWS SEMI-JIG CONSTRUCTION WHEN ASSEMBLING FUSELAGE.

WING IS BUILT FIRST - THEN FUSELAGE - TURTLEDECK BUILT WHEN WING IS BOLTED IN PLACE



0 1 2 3 4 5 6 inches

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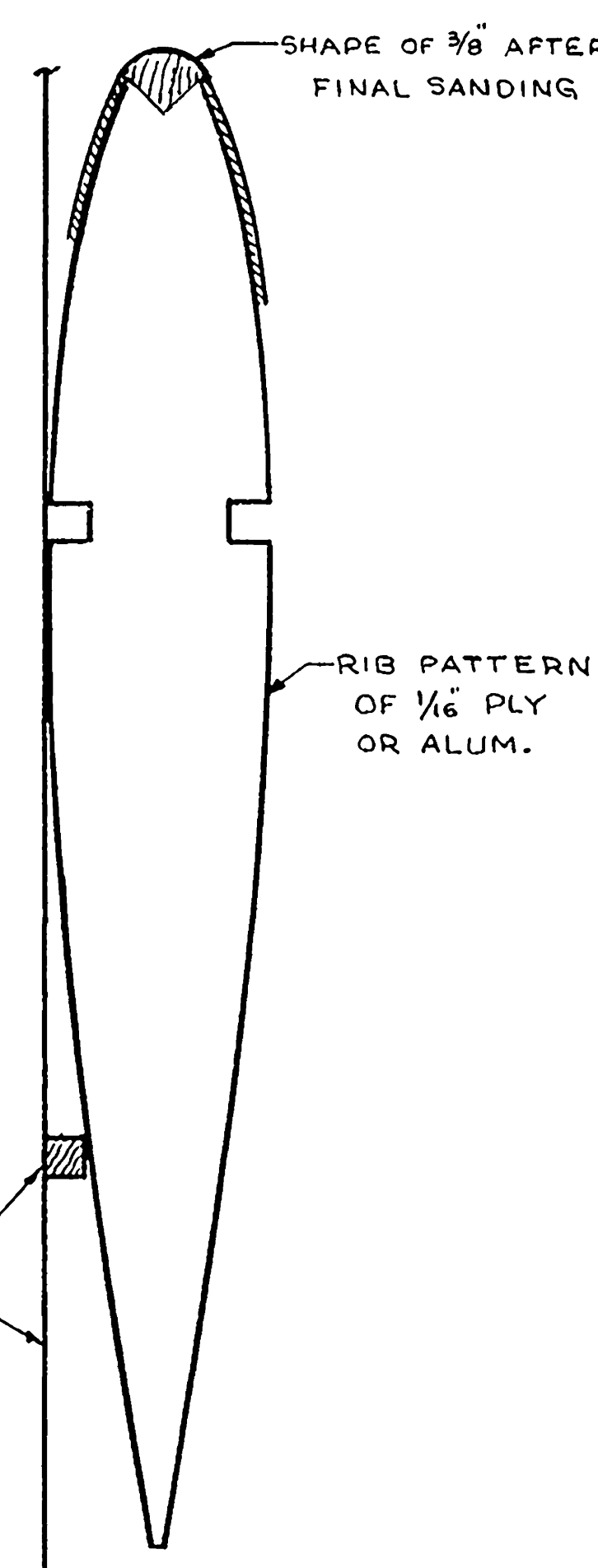
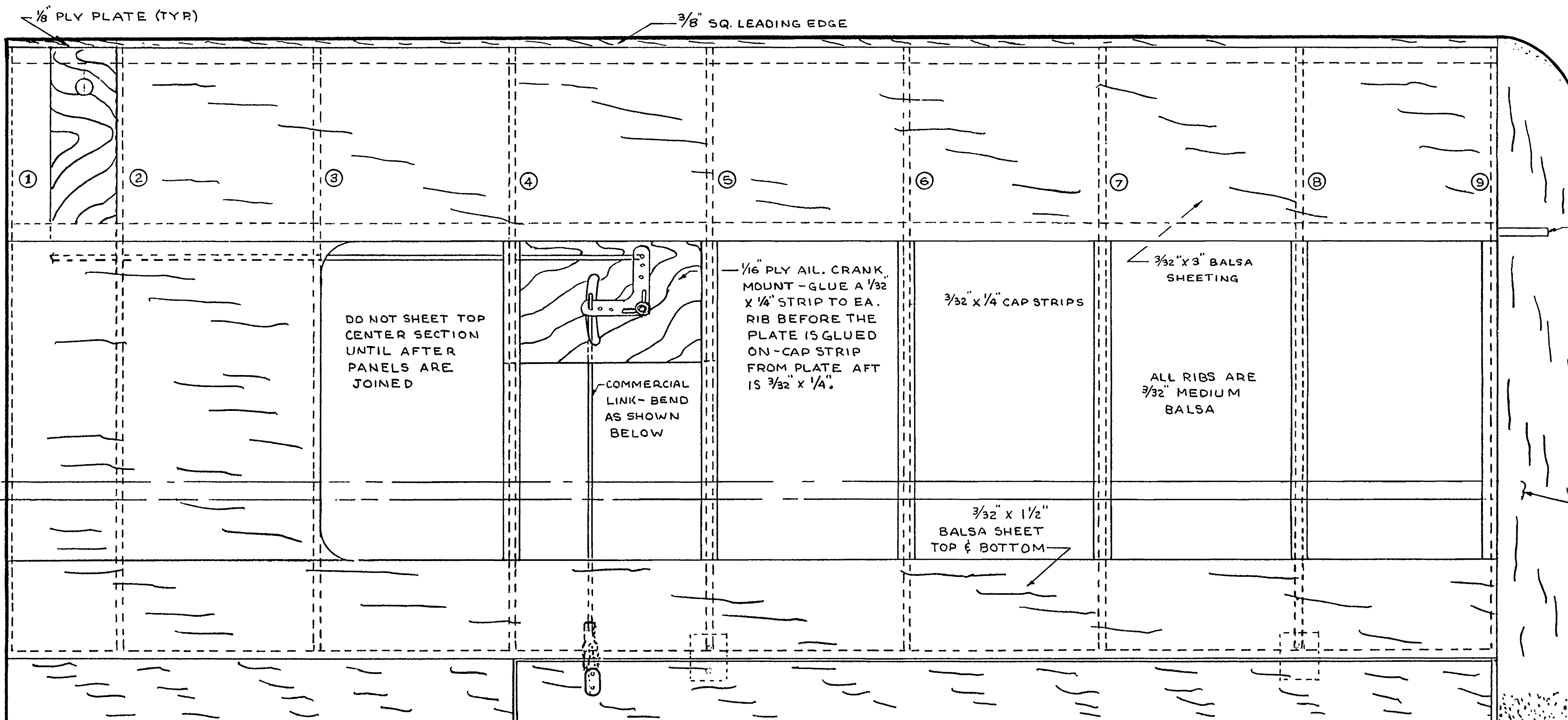
Plan No: 10731-A

the versatile "SUPER" DOUBLER

504 SQ. IN. AREA - .35 OR .40 ENGINES SUITABLE FOR SPORT AEROBATICS ~ A' OR B' A.M.A. PATTERN FLYING ~ A.M.A. 1/2" SPORT PYLON RACING ~ ONE DESIGN PYLON RACING FUN ~

DESIGNED/DRAWN - BRAD SHEPHERD
PLATE 1 of 2
ALL RIGHTS RESERVED - MAY 14-1973

Brad Shepherd

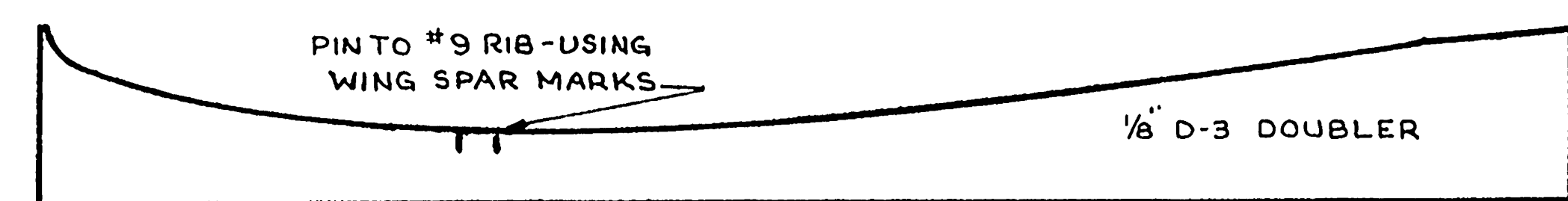
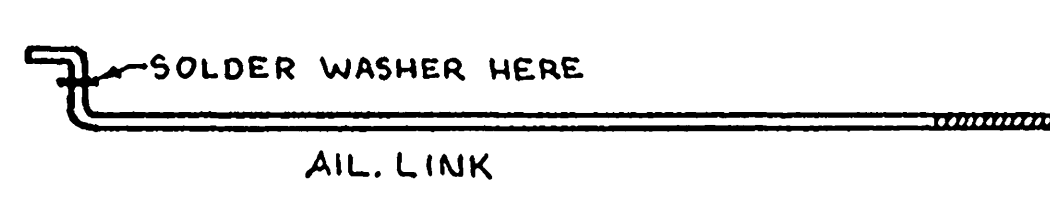


1/4" SQ. JIG PIN TO BENCH PIN RIBS TO IT WHEN BUILDING PANEL USE SHORT PIECE WHEN ASSEMBLING PANELS

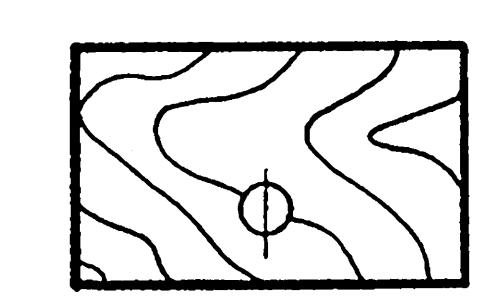
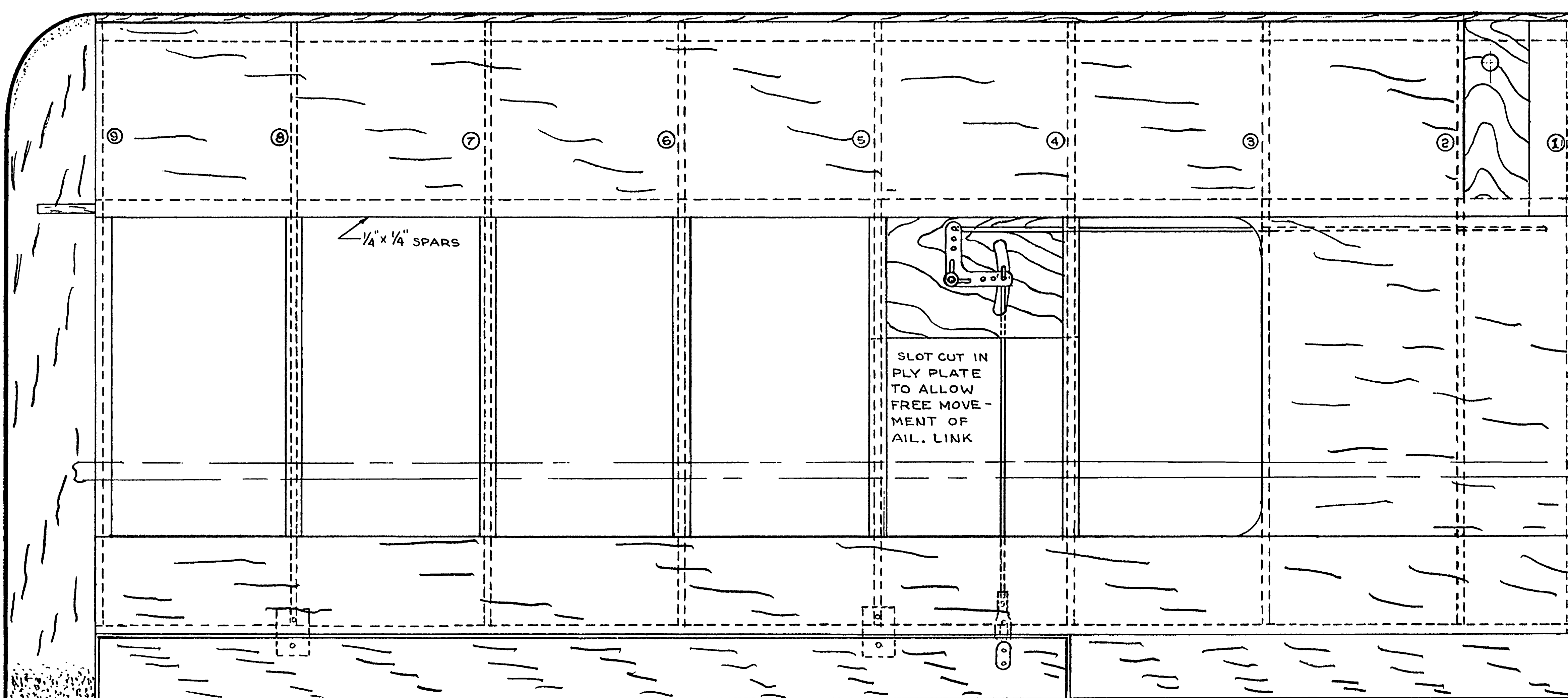
ROOT RIB ANGLE JIG - MAKE FROM SCRAP Balsa USE THIS JIG WHEN GLUEING ROOT RIB IN PLACE - PIN TO BENCH AT SPARS - PIN RIB TO IT WHILE DRYING



1/8" PLY DIHEDRAL BRACE - AFTER PANELS ARE GLUED TOGETHER - CUT 1/8" SLOT IN * 1 & 2 RIBS DIRECTLY AFT OF SPARS - EPOXY BRACE IN PLACE



USE THIS DOUBLER AS A JIG WHEN ASSEMBLING WING FOR CORRECT DIHEDRAL AND TRUE WING STRUCTURE



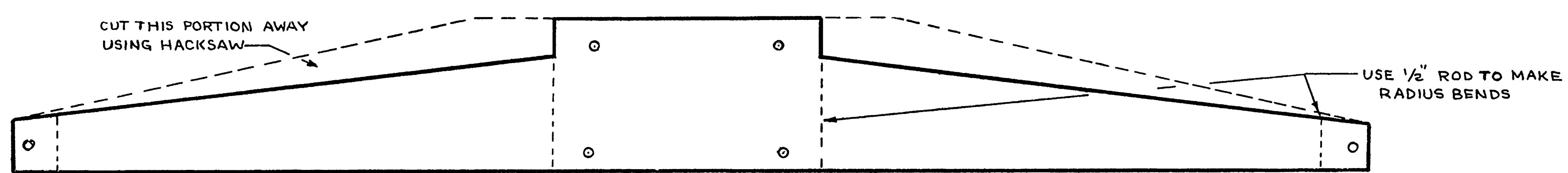
1/8" PLY CENTER SECTION BEARING PLATE - EPOXY IN PLACE AFTER PANELS ARE JOINED (SEE SIDE VIEW)

NOTE: ALL 1/8" PLY PARTS ARE SIG 'LITE PLY'

1/4" JIG LEAVE PANEL PINNED TO BENCH & JIG UNTIL LEADING & TRAILING EDGE 3/32" SHEET AND CAP STRIPS ARE GLUED & DRY - TURN PANEL OVER & PIN DOWN IN SAME POSITION - SHIM UNDER RIBS # 1-2-3 WITH 3/32" SCRAP - GLUE PLY CRANK PLATE, CAPS & ALL SHEETING TO BOTTOM.

1/16" X 1/8" STRIP OF HARD Balsa - GLUE TO INSIDE EDGE OF TOP SHEET BEFORE GLUEING SHEET TO RIBS.

WING TIPS - TRAILING EDGE & AILERONS INSTALLED AFTER WING IS ASSEMBLED TRIM 1/16" FROM L.E. OF AILERONS BEFORE INSTALLING



SIG 3/32" X 2" X 18" LANDING GEAR BLANK MODIFY AS SHOWN (1 1/2" X 15" CAN BE SUBSTITUTED)

0 1 2 3 4 5 6 inches

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PLATE 2 of 2
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Brad Shepherd