

COX TD.049

1/32" PLY

3/8" ▲ FILLET

TANK BAY

1/8" PLY

SEE SKETCH FOR SLIDE DETAIL

F.2. 1/8" PLY

1/4" x 3/8" BASSWOOD

3/32" SHT SIDES

1/8" PLY

ADJUST TO SUIT SERVO USED

SEE OVER FOR WING DETAIL

SLIDE DETAIL FOR ELEVONS

1/8" BRASS TUBE

1/8" PLY

PEN SPRING

1/16" WIRE

CATCH DETAIL

CATCH FITS HERE

REMOVABLE HATCH

1/8" SHT FIN

CANOPY

1/4" SHT

* KRAFT AM-5 MOUNT

1/8" DOWEL

F.3.

ELEVON HORN FROM BRASS TUBE

1/8" SHT

1.1/2" DIA SPINNER

F.2.

BATTERY

F.4.

1/32" PLY

F.5.

RECEIVER

F.1.

10z TANK

WING POSITION AT FUSELAGE SIDE

SPAR BRACE

BALSA FAIRING

F.5.

1/16" PLY

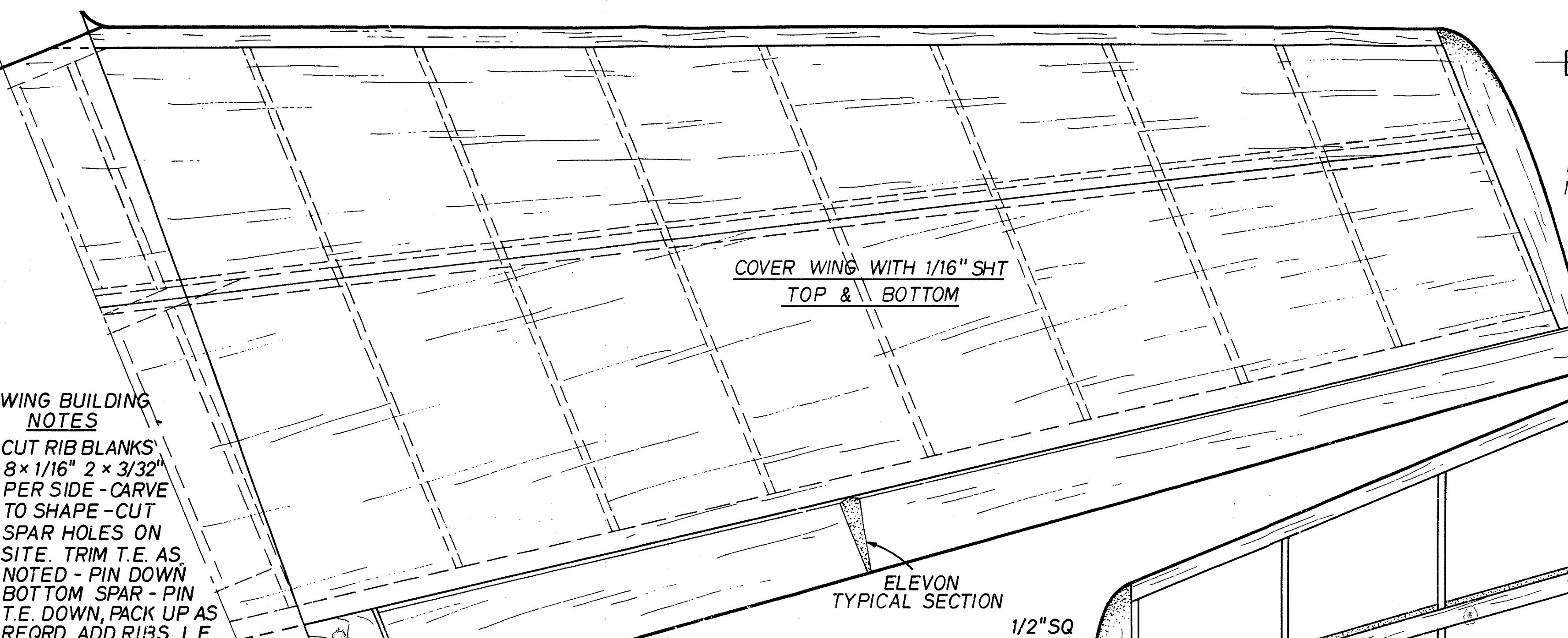
F.1.

1/8" PLY

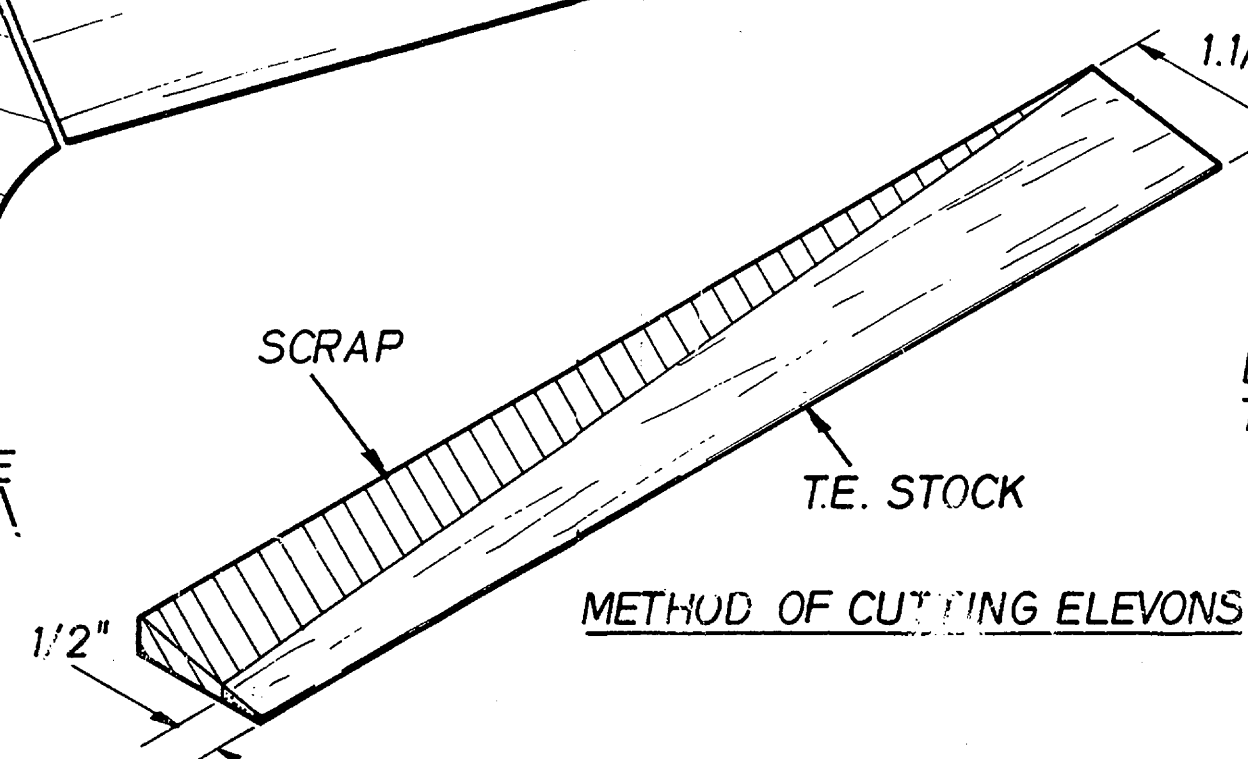
1/4" SHT

3/16" SHT

WING BUILDING NOTES
 CUT RIB BLANKS 8 x 1/16" 2 x 3/32" PER SIDE - CARVE TO SHAPE - CUT SPAR HOLES ON SITE. TRIM T.E. AS NOTED - PIN DOWN BOTTOM SPAR - PIN T.E. DOWN, PACK UP AS REQ'D, ADD RIBS, L.E., & TOP SPAR & LEAVE CENTRE RIBS UNTIL LATER - ADD SHEET WEBS - BUILD OTHER WING PANEL JOIN WING INVERTED SO THAT TOP SPAR IS FLAT, THIS WILL GIVE 1/2" DIHEDRAL UNDER EACH TIP. ADD ROOT L.E., BRACE AT SPAR & T.E. ADD CENTRE RIBS - SHEET ALL WING, WHEN DRY, TRIM, ADD TIPS & SAND SMOOTH - BUILD INTO FUSELAGE ADD ELEVONS & HORNS, 1/32" PLY L.E., T.E. & ROOT BALSA FAIRINGS.



COVER WING WITH 1/16" SHT TOP & BOTTOM

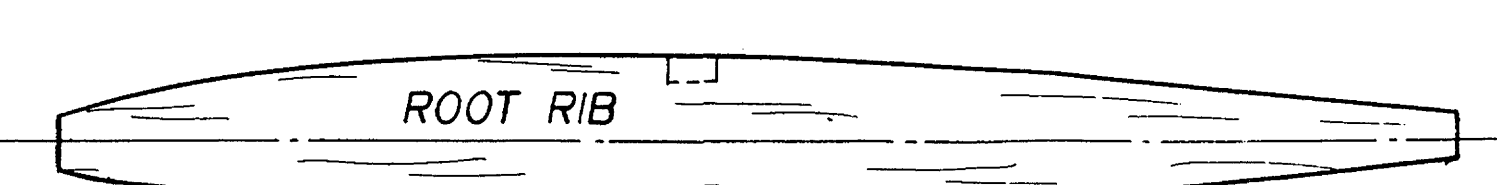


METHOD OF CUTTING ELEVONS

ELEVON TYPICAL SECTION

1/2" SQ TIPS OR 2 x 1/4" SHEET

DIHEDRAL AT TIP 1/2" EACH TIP



ROOT RIB

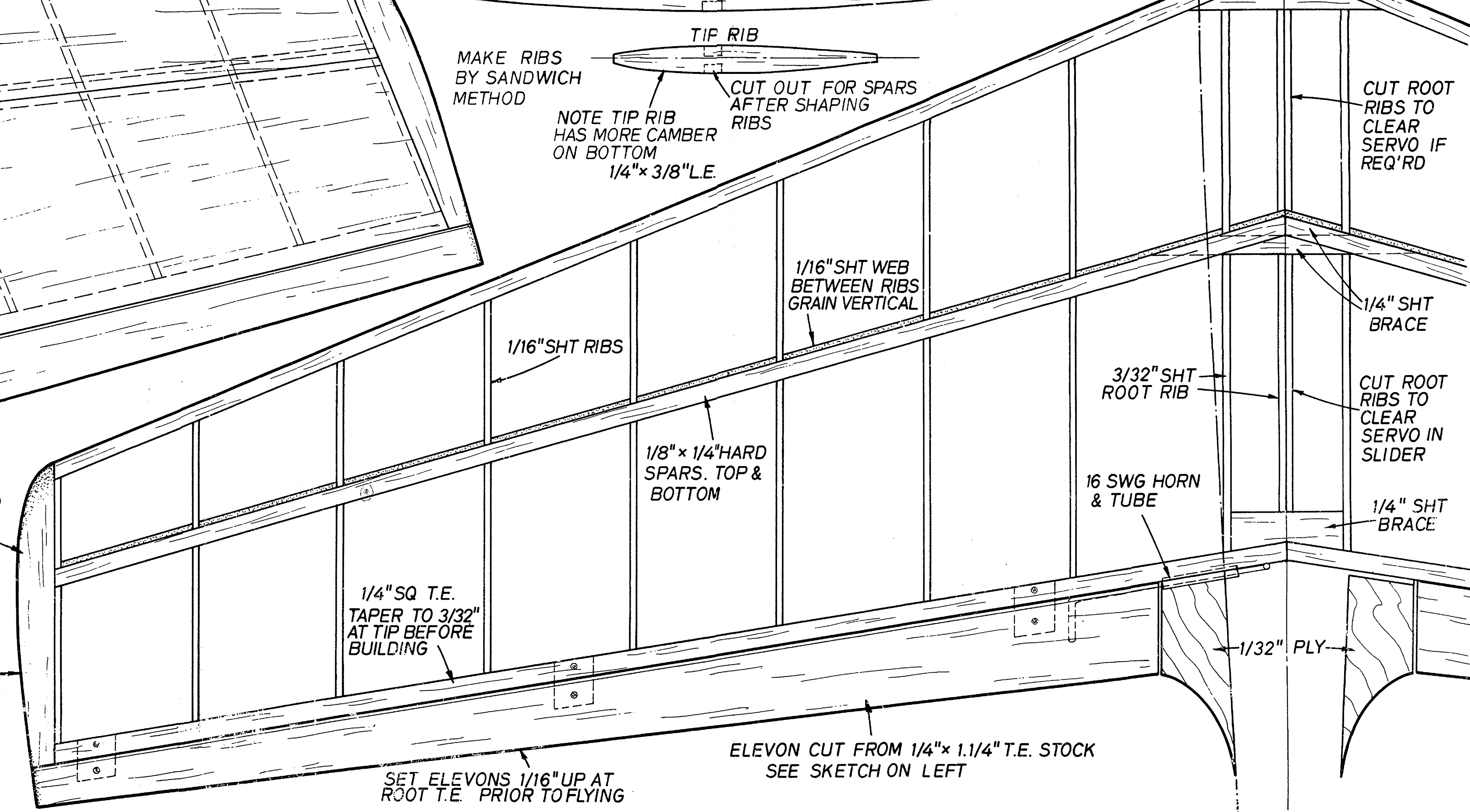


TIP RIB

MAKE RIBS BY SANDWICH METHOD

NOTE TIP RIB HAS MORE CAMBER ON BOTTOM 1/4" x 3/8" L.E.

CUT OUT FOR SPARS AFTER SHAPING RIBS



EXTENDED L.E. FOR CORRECT ROOT RIB SHAPE. CUT TO FIT.

CUT ROOT RIBS TO CLEAR SERVO IF REQ'D

1/4" SHT BRACE

CUT ROOT RIBS TO CLEAR SERVO IN SLIDER

1/4" SHT BRACE

3/32" SHT ROOT RIB

16 SWG HORN & TUBE

1/32" PLY

1/4" SQ T.E. TAPER TO 3/32" AT TIP BEFORE BUILDING

1/8" x 1/4" HARD SPARS. TOP & BOTTOM

1/16" SHT WEB BETWEEN RIBS GRAIN VERTICAL

1/16" SHT RIBS

ELEVON CUT FROM 1/4" x 1.1/4" T.E. STOCK SEE SKETCH ON LEFT

SET ELEVONS 1/16" UP AT ROOT T.E. PRIOR TO FLYING