

NOTE RE-INF. STRIP FROM F-1 TO F-2

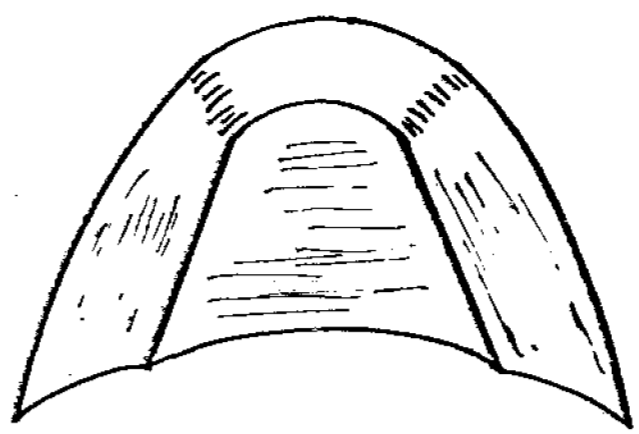
TYPICAL SECTIONS SIDE CANOPY LEFT SIDE

FRONT VIEW

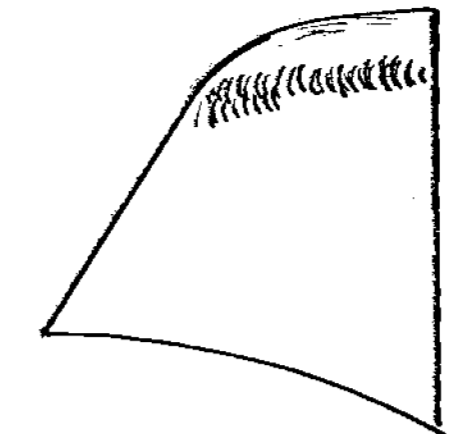
SIDE VIEW

BALSA AIR SCOOP

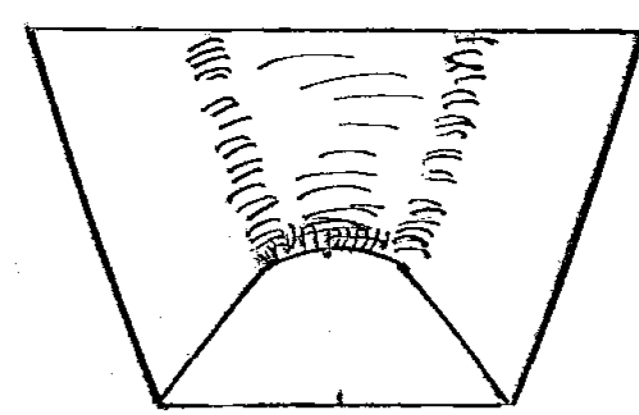
BALSA STACKS



FRONT

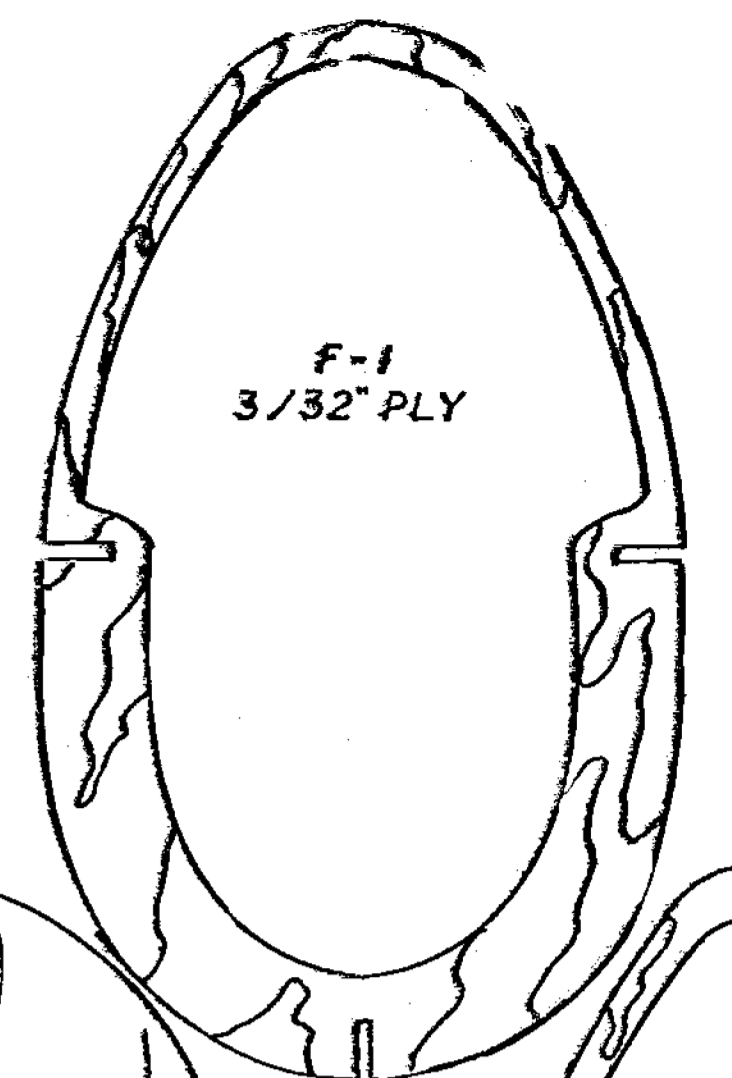


SIDE

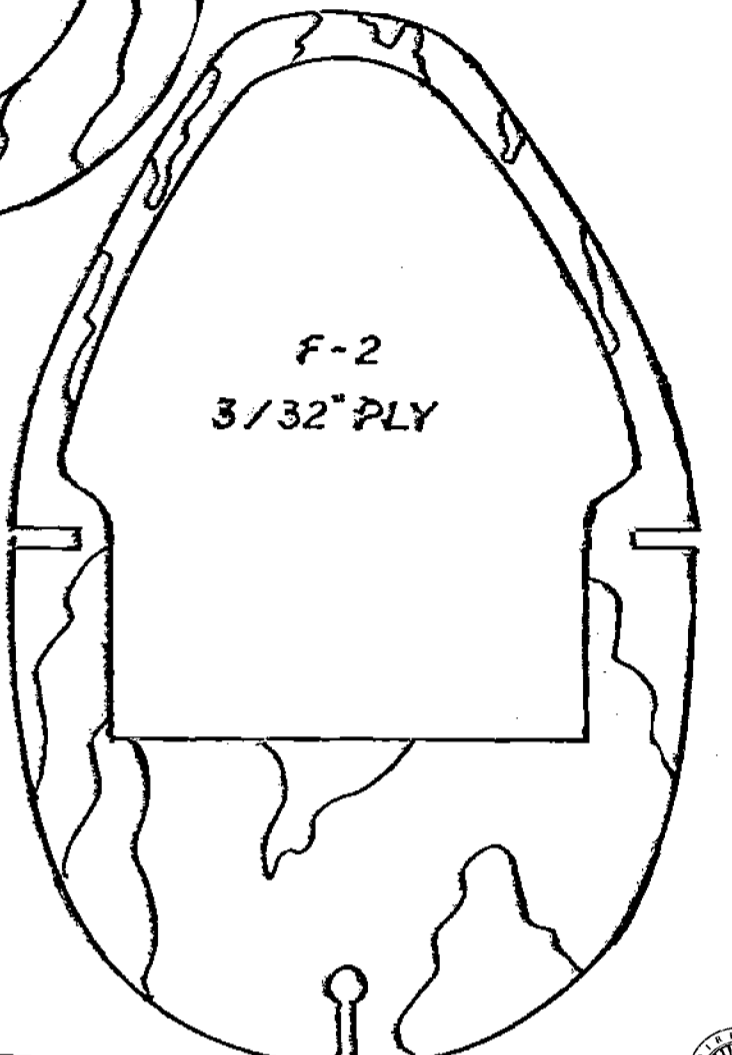


TOP

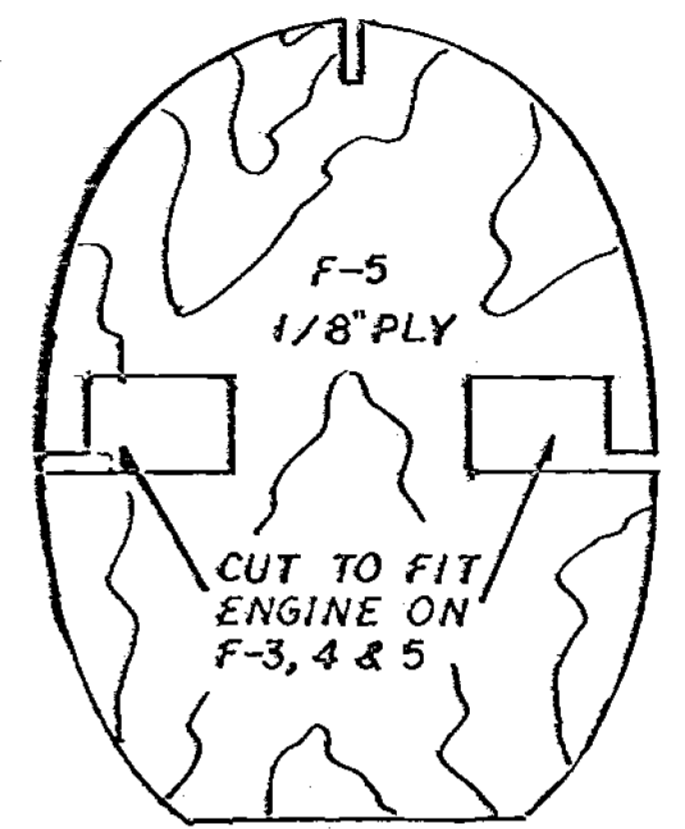
FORWARD CANOPY PATTERNS



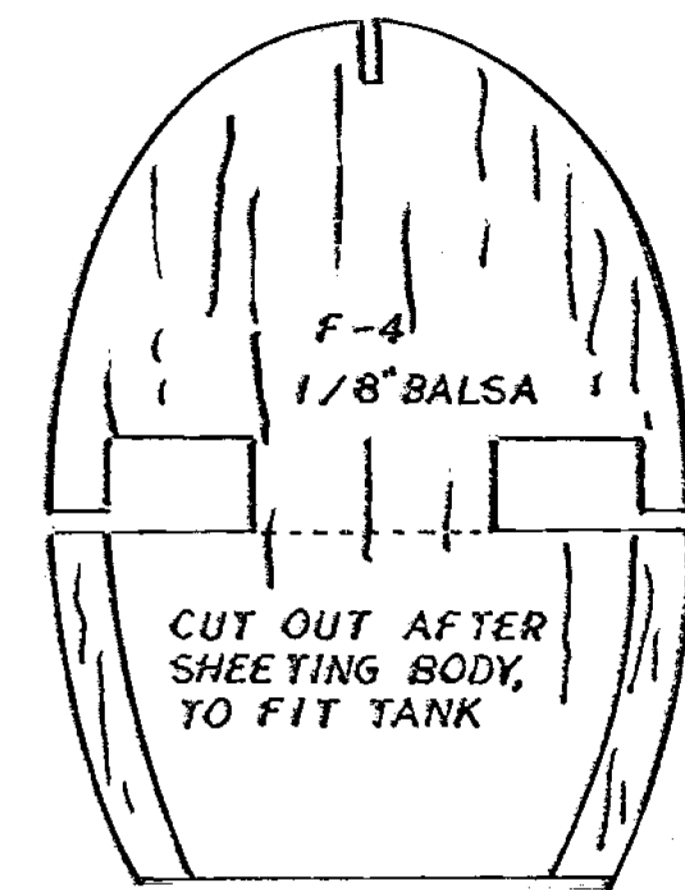
F-1
3/32\"/>



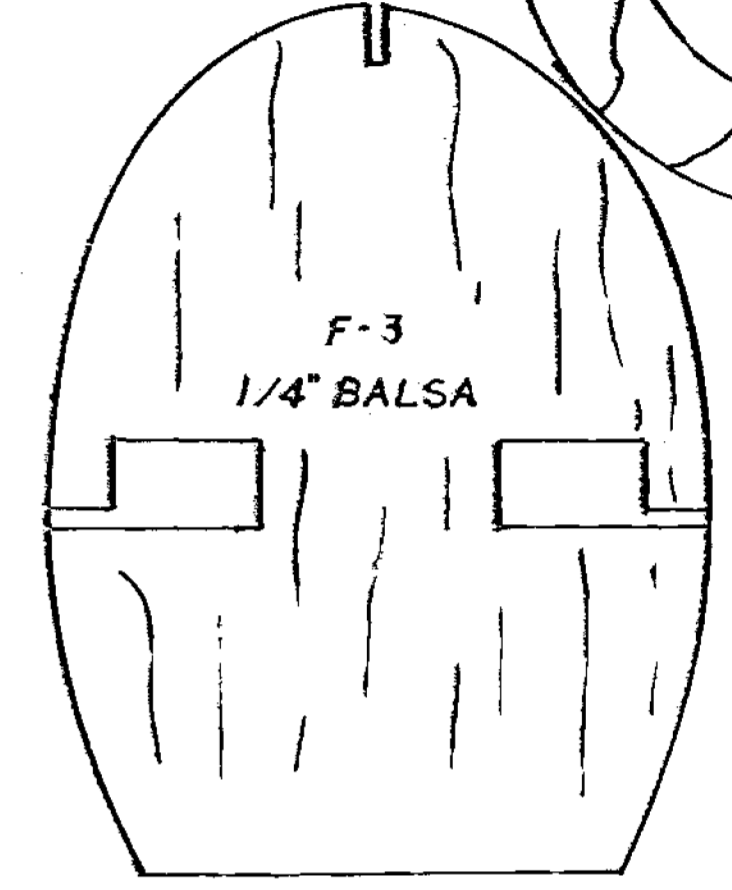
F-2
3/32\"/>



F-5
1/8\"/>



F-4
1/8\"/>



F-3
1/4\"/>



F-6
1/8\"/>

CUT TO FIT ENGINE ON F-3, 4 & 5

CUT OUT AFTER SHEETING BODY, TO FIT TANK

TYPICAL EXTENDED NOSE

NOTE: IF .45 OR LARGER ENGINE IS USED, LENGTHEN NOSE 1/2 IN.

4-PC. HEAT FORMED CANOPY

N

HOLLOW OUT

BATT. BOX FOR LIGHT

1/4\"/>

ANDREWS MT.

BALSA BLOCK NOSE SECTION HOLLOW OUT

N

1/16\"/>

PLY INSERT

3/16\"/>

FILLET OUTLINE

1/8 BALS A SPLINE

1/16\"/>

3/32\"/>

1/2 x 5/8\"/>

MAPLE MOUNTS

TANK

REINFORCEMENT STRIP

BALANCE

BALSA BLOCK TOP COWL

F-6 BASS STRIPS

SHOW SPINNER

FIBERGLASS BOTTOM COWL

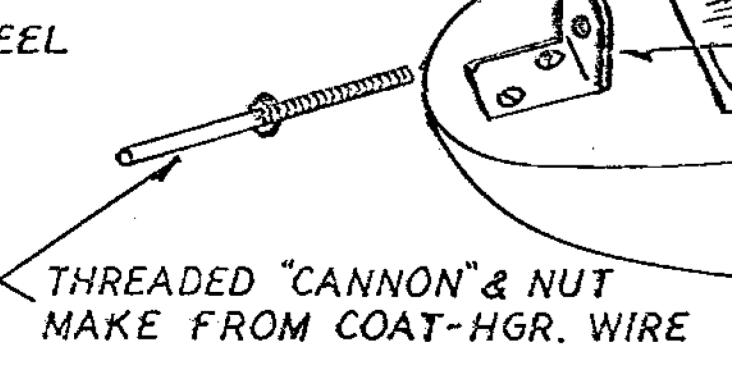
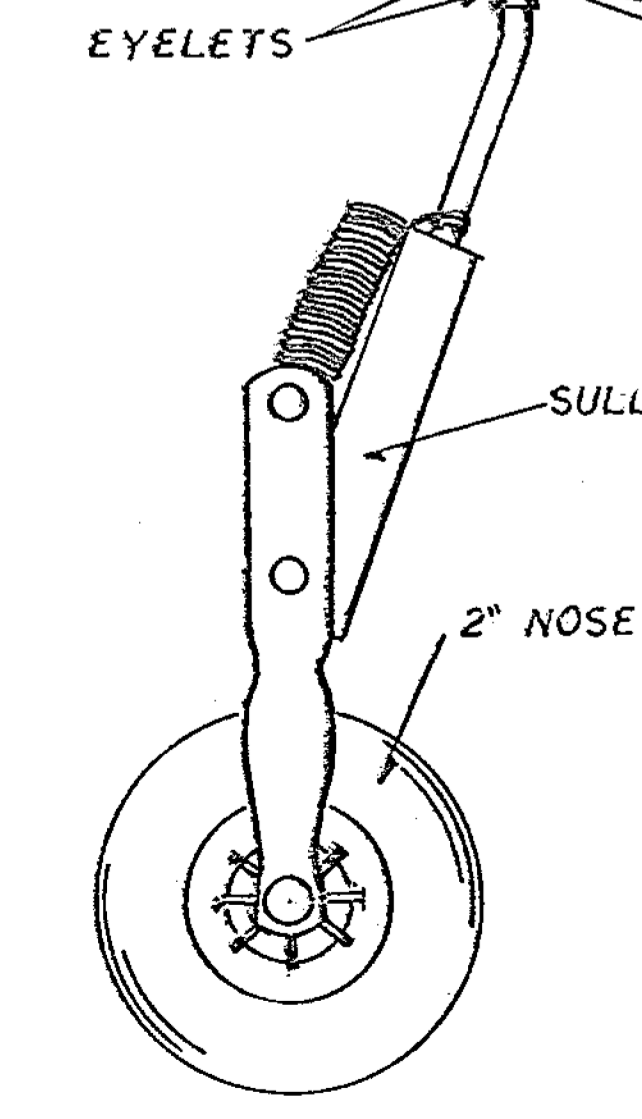
NOTE RELATIVE POSITION OF BOOMS. STAB IS SET AT 0° WITH C/L OF FUSELAGE.

TYPICAL SECTION AT N-N

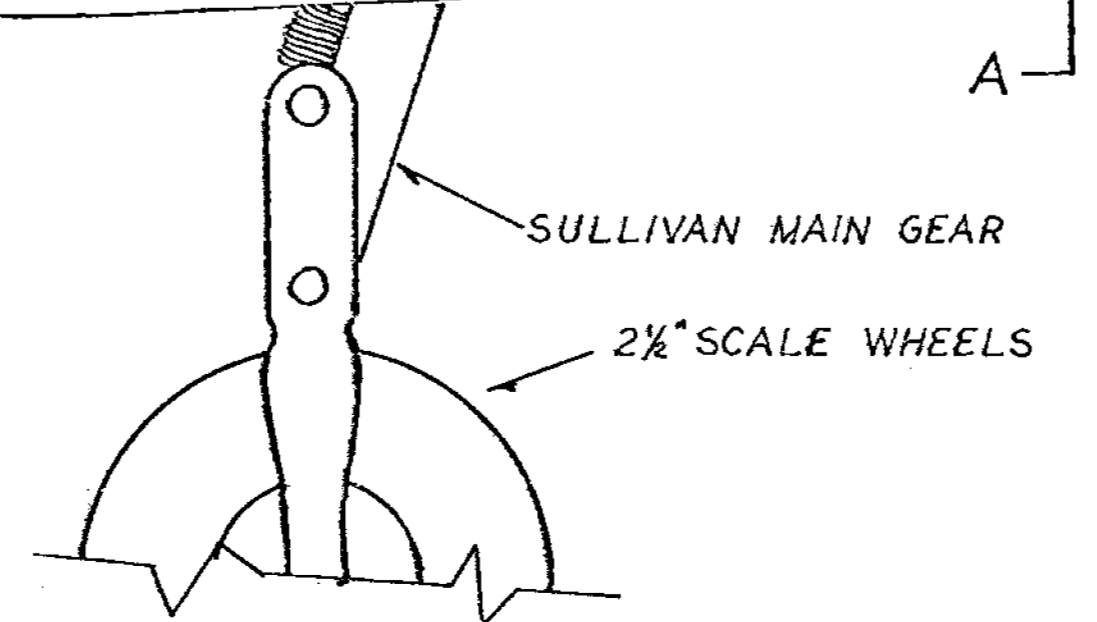
ALL TAIL SURFACES 1/4\"/>

TWIN RUDDER LINKAGE MADE FROM HOBART HINGE. CONNECT UNDER STAB WITH MUSIC WIRE.

WIRE SKID EPOXY IN PLACE

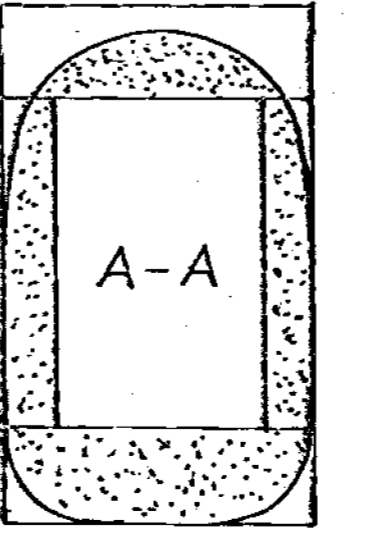


HATCH DETAIL

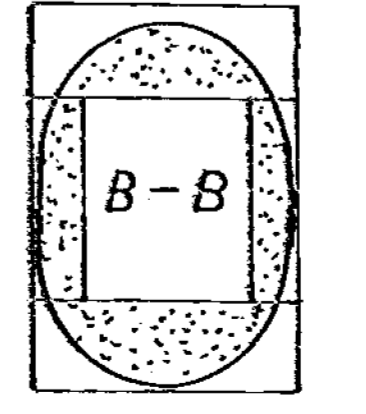


SULLIVAN MAIN GEAR

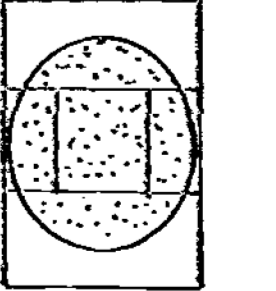
2 1/2\"/>



A-A

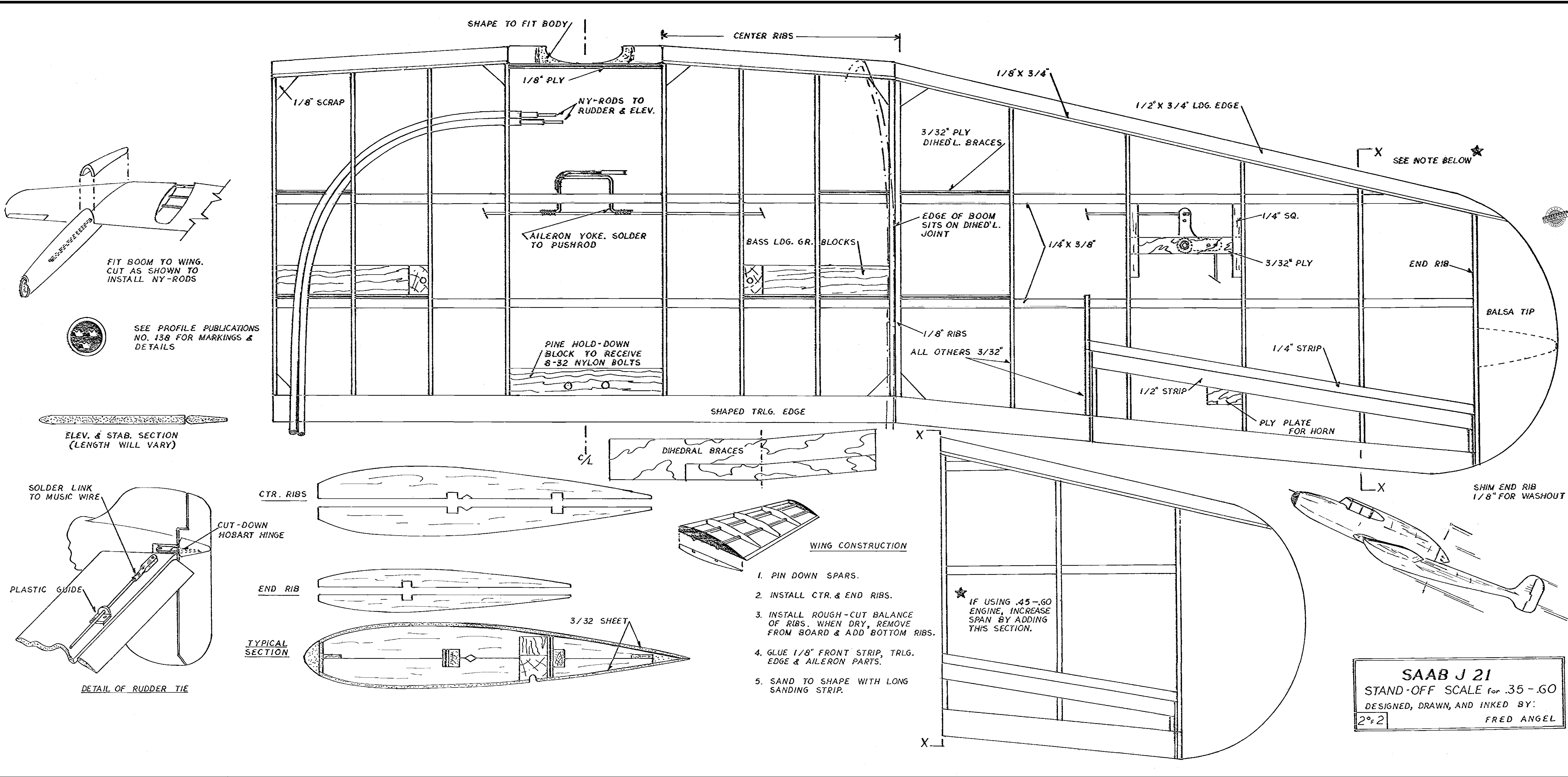


B-B



C-C

SAAB J 21
 STAND-OFF SCALE for .35 - .60
 DESIGNED, DRAWN, AND INKED BY:
 102 FRED ANGEL



SHAPE TO FIT BODY

CENTER RIBS

1/8" SCRAP

1/8" PLY

NY-RODS TO
RUDDER & ELEV.

1/8" x 3/4"

1/2" x 3/4" LDG. EDGE

SEE NOTE BELOW

3/32" PLY
DIHED'L. BRACES

EDGE OF BOOM
SITS ON DIHED'L.
JOINT

1/4" SQ.

3/32" PLY

END RIB

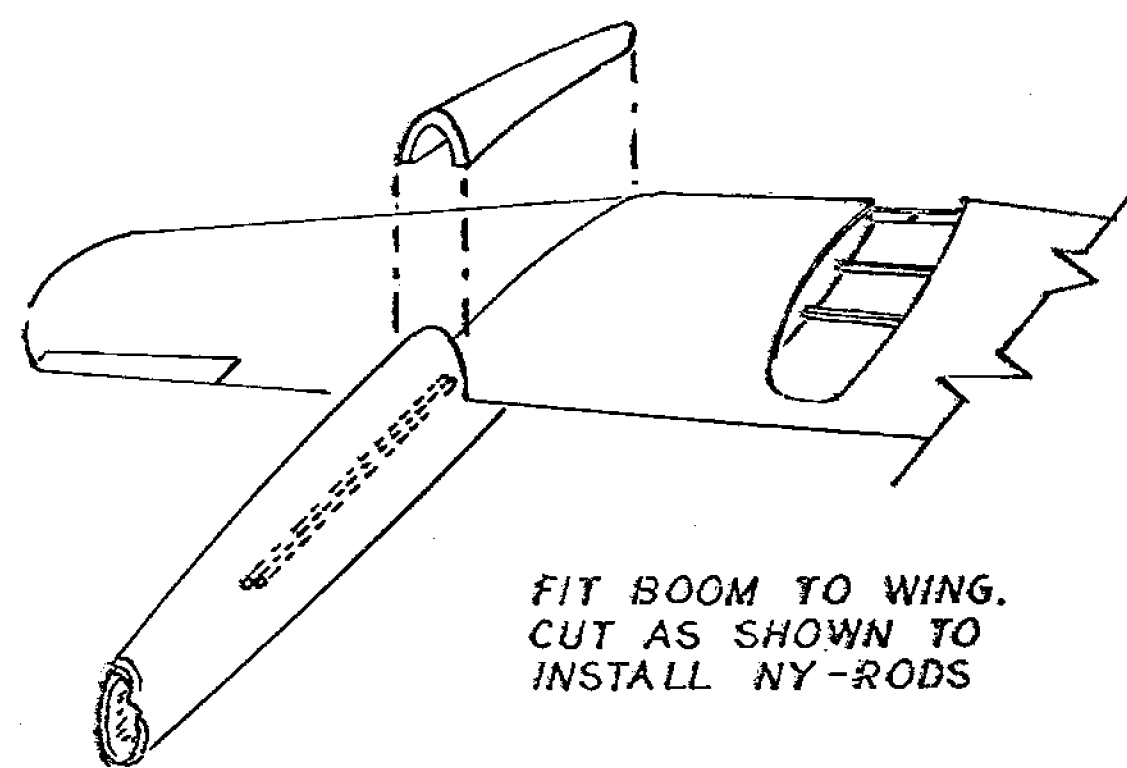
BALSA TIP

1/4" STRIP

1/2" STRIP

PLY PLATE
FOR HORN

SHIM END RIB
1/8" FOR WASHOUT



FIT BOOM TO WING.
CUT AS SHOWN TO
INSTALL NY-RODS



SEE PROFILE PUBLICATIONS
NO. 138 FOR MARKINGS &
DETAILS

AILERON YOKE. SOLDER
TO PUSHROD

BASS LDG. GR. BLOCKS

PINE HOLD-DOWN
BLOCK TO RECEIVE
8-32 NYLON BOLTS

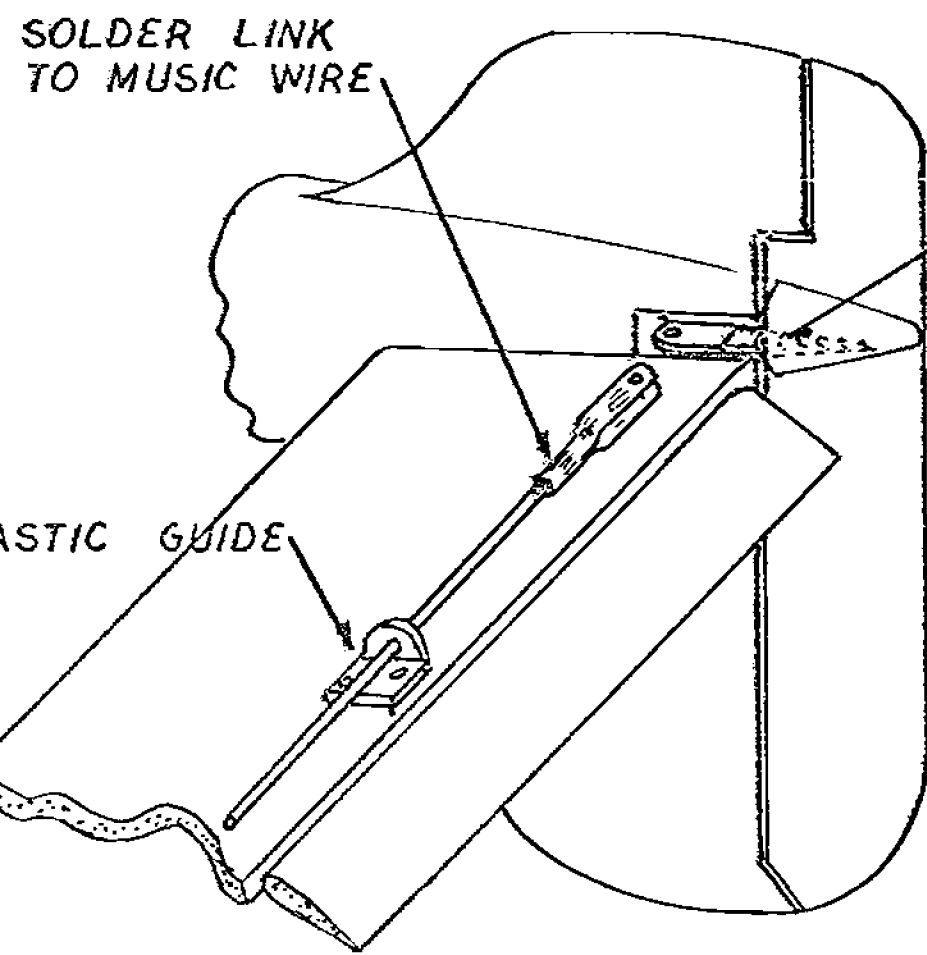
1/8" RIBS

ALL OTHERS 3/32"

SHAPED TRLG. EDGE

DIHEDRAL BRACES

ELEV. & STAB. SECTION
(LENGTH WILL VARY)



DETAIL OF RUDDER TIE

CTR. RIBS

END RIB

TYPICAL
SECTION

3/32 SHEET

WING CONSTRUCTION

1. PIN DOWN SPARS.
2. INSTALL CTR. & END RIBS.
3. INSTALL ROUGH-CUT BALANCE OF RIBS. WHEN DRY, REMOVE FROM BOARD & ADD BOTTOM RIBS.
4. GLUE 1/8" FRONT STRIP, TRLG. EDGE & AILERON PARTS.
5. SAND TO SHAPE WITH LONG SANDING STRIP.

IF USING .45-.60
ENGINE, INCREASE
SPAN BY ADDING
THIS SECTION.

SAAB J 21
STAND-OFF SCALE for .35-.60
DESIGNED, DRAWN, AND INKED BY:
2x2 FRED ANGEL