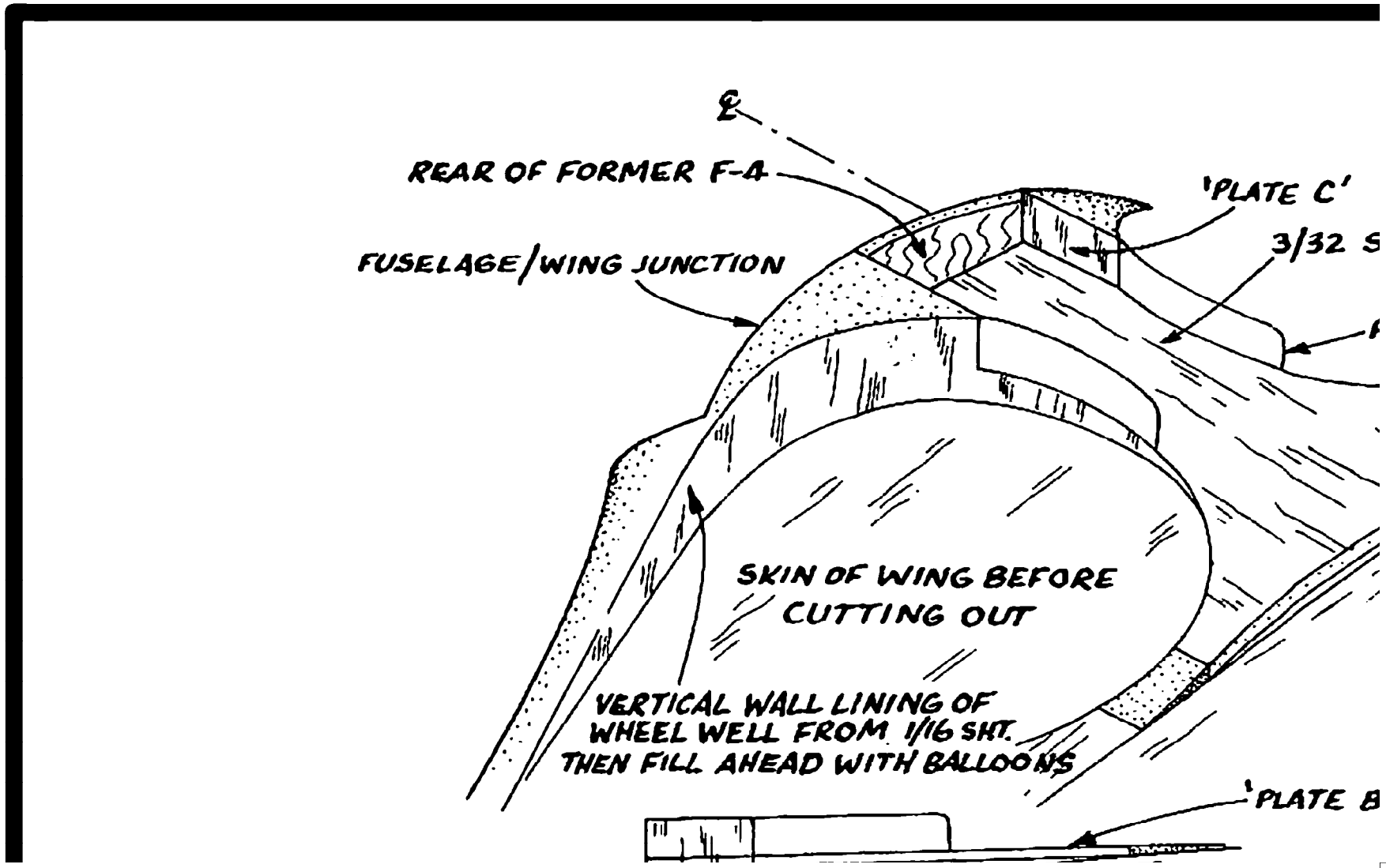
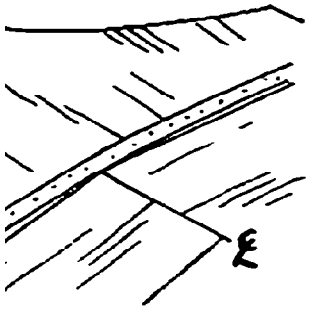
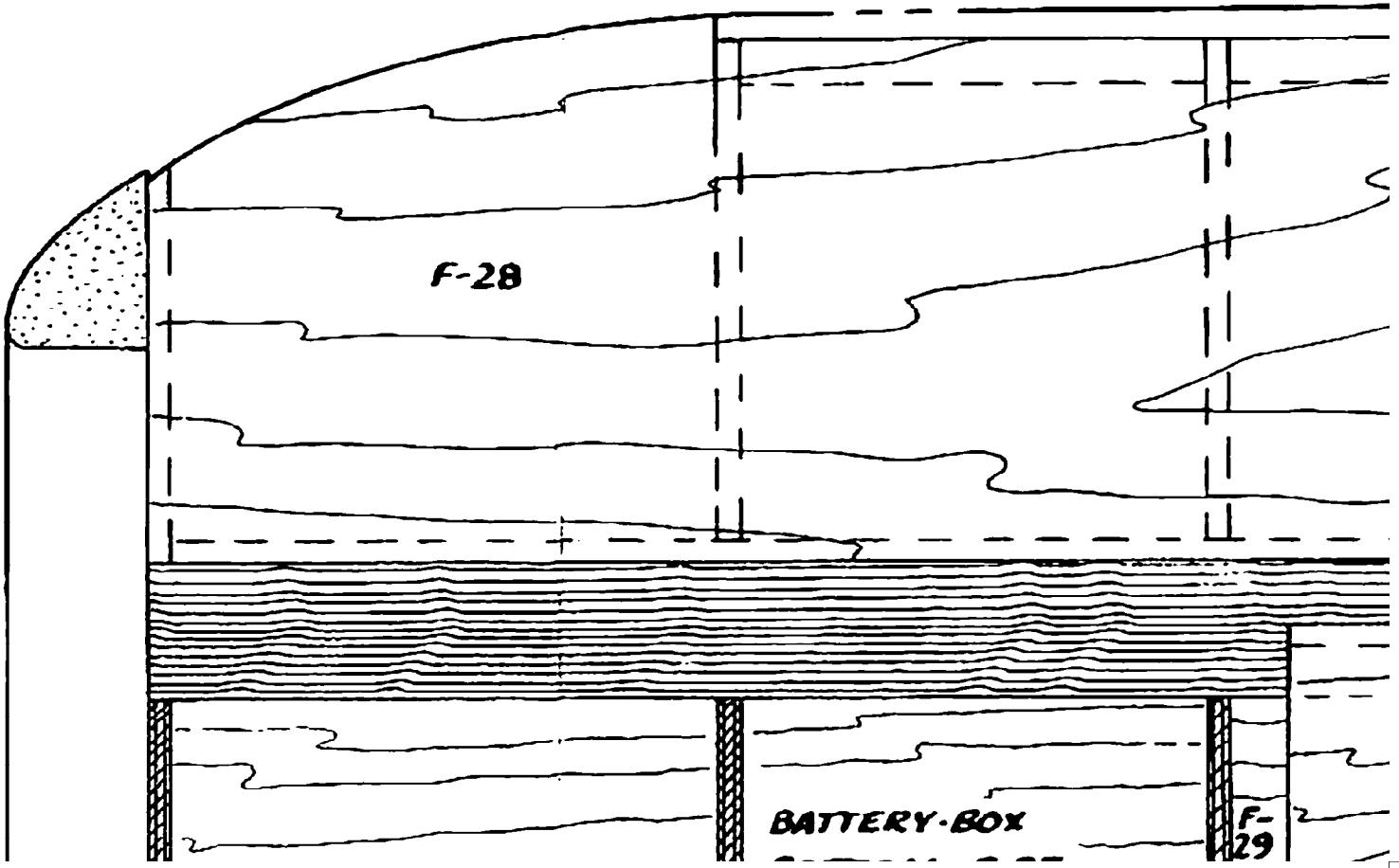

℄
REAR OF FORMER F-4
'PLATE C'
3/32 S
FUSELAGE/WING JUNCTION
SKIN OF WING BEFORE
CUTTING OUT
VERTICAL WALL LINING OF
WHEEL WELL FROM 1/16 SHT.
THEN FILL AHEAD WITH BALLOONS
'PLATE B

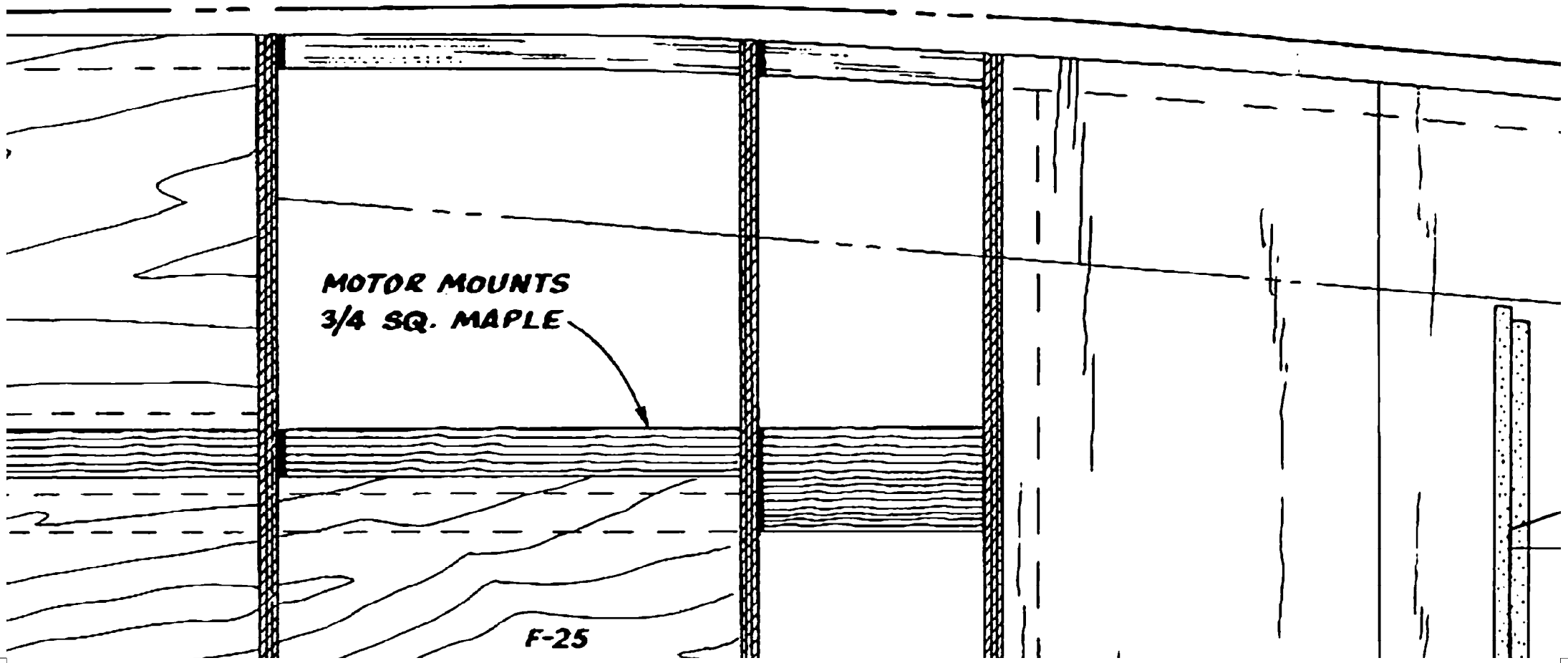
SHEET 'PLATE B'

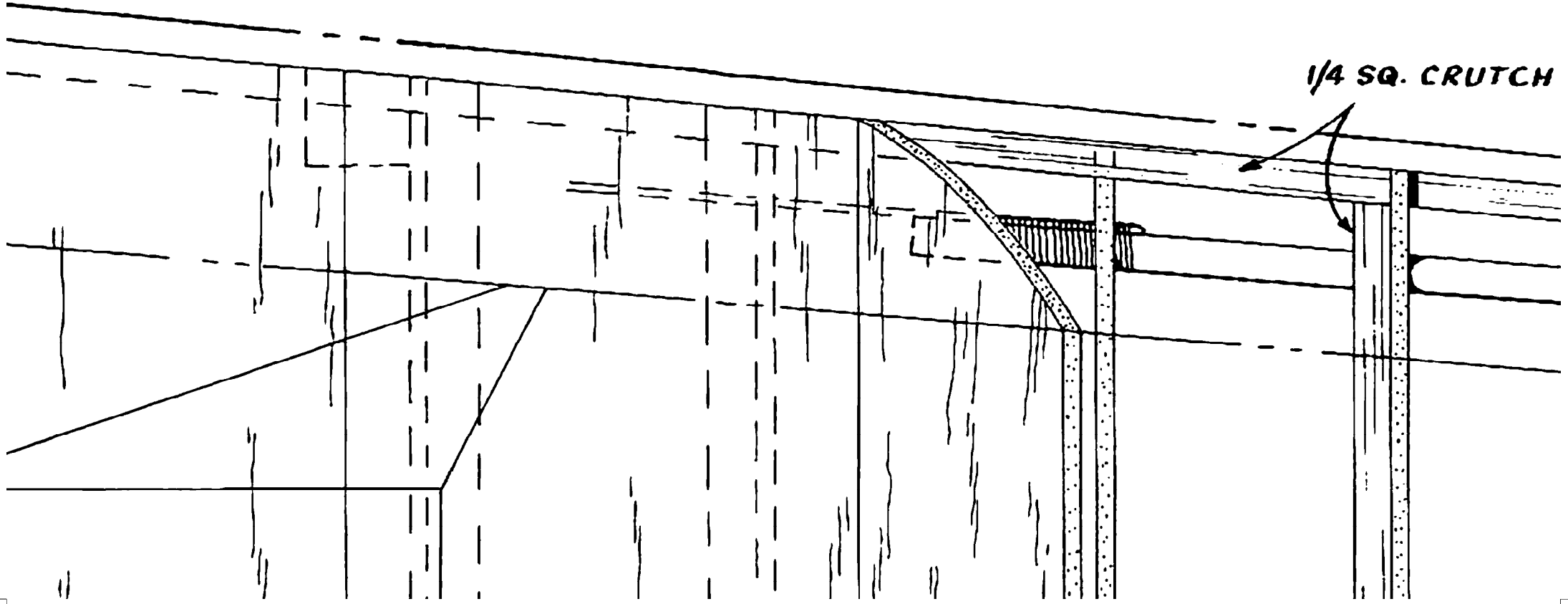
FLAME GUARD FROM PLASTIC SHEET

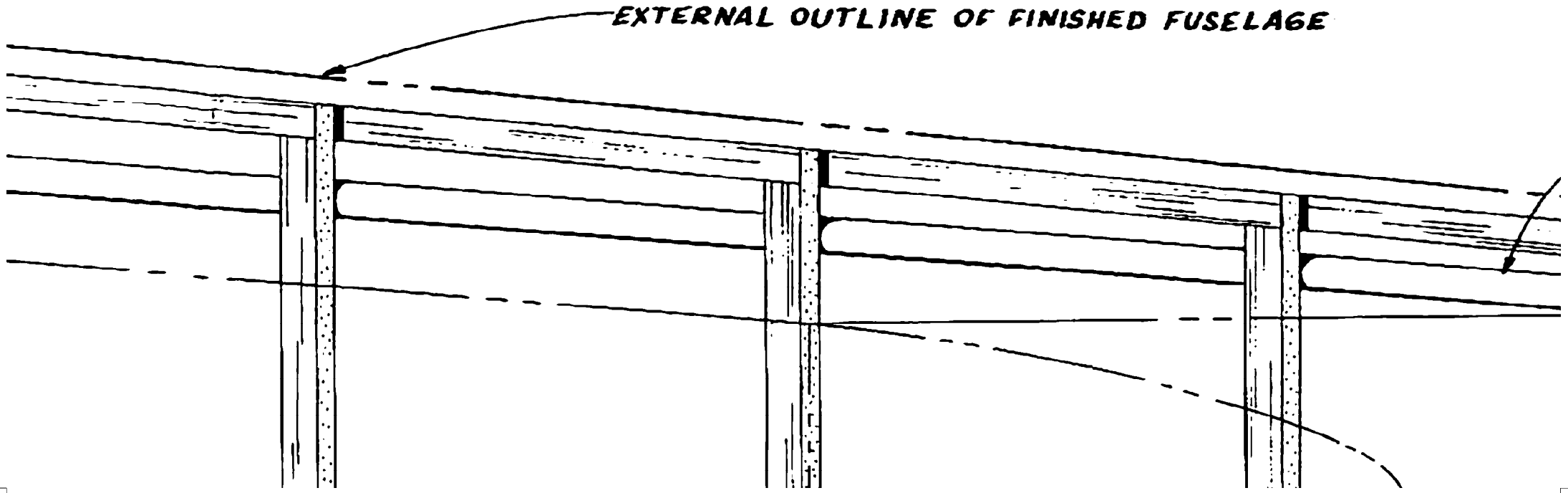


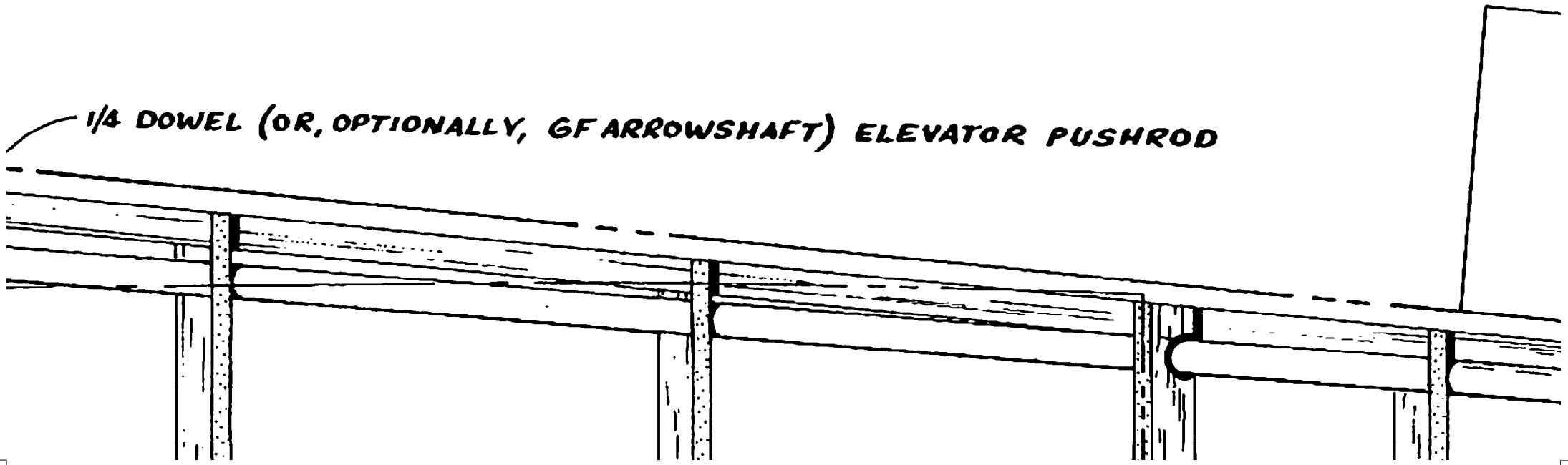
WING CENTER DETAIL
(VIEWED FROM BOTTOM)

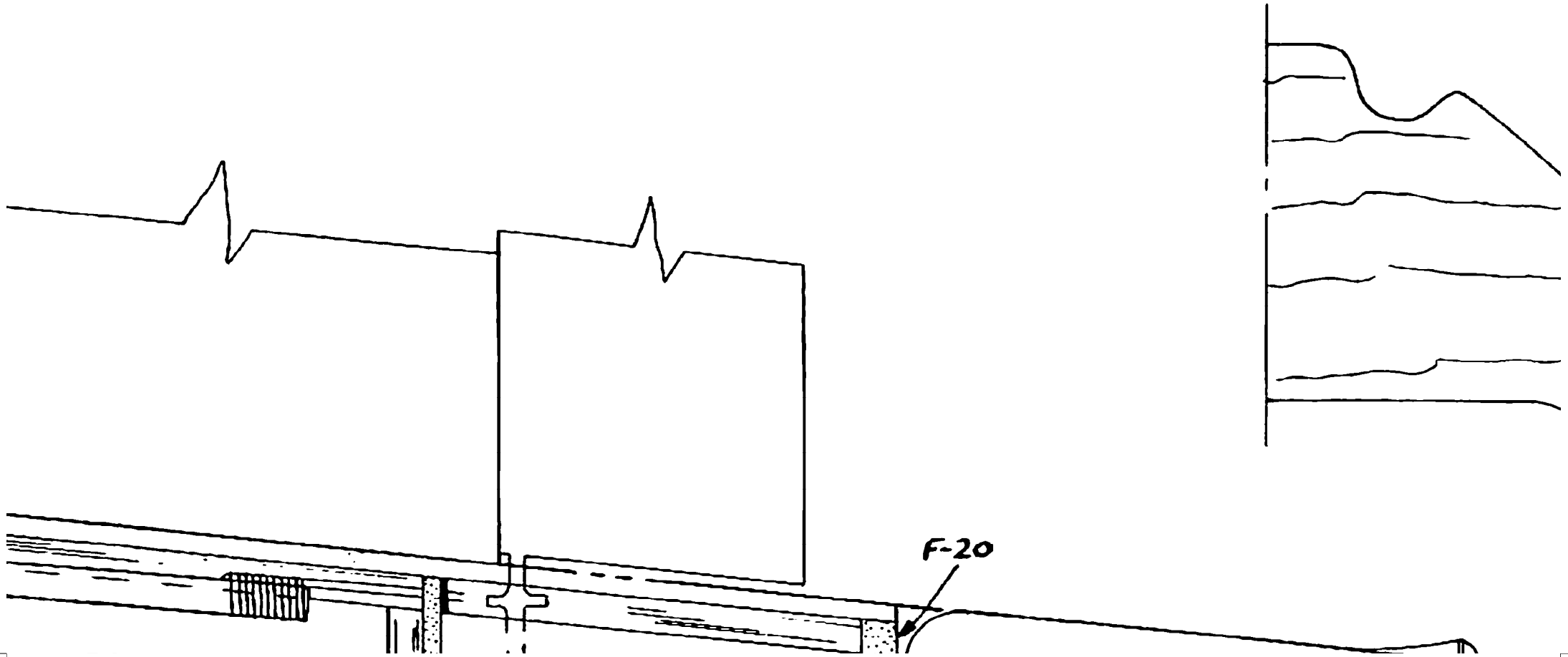


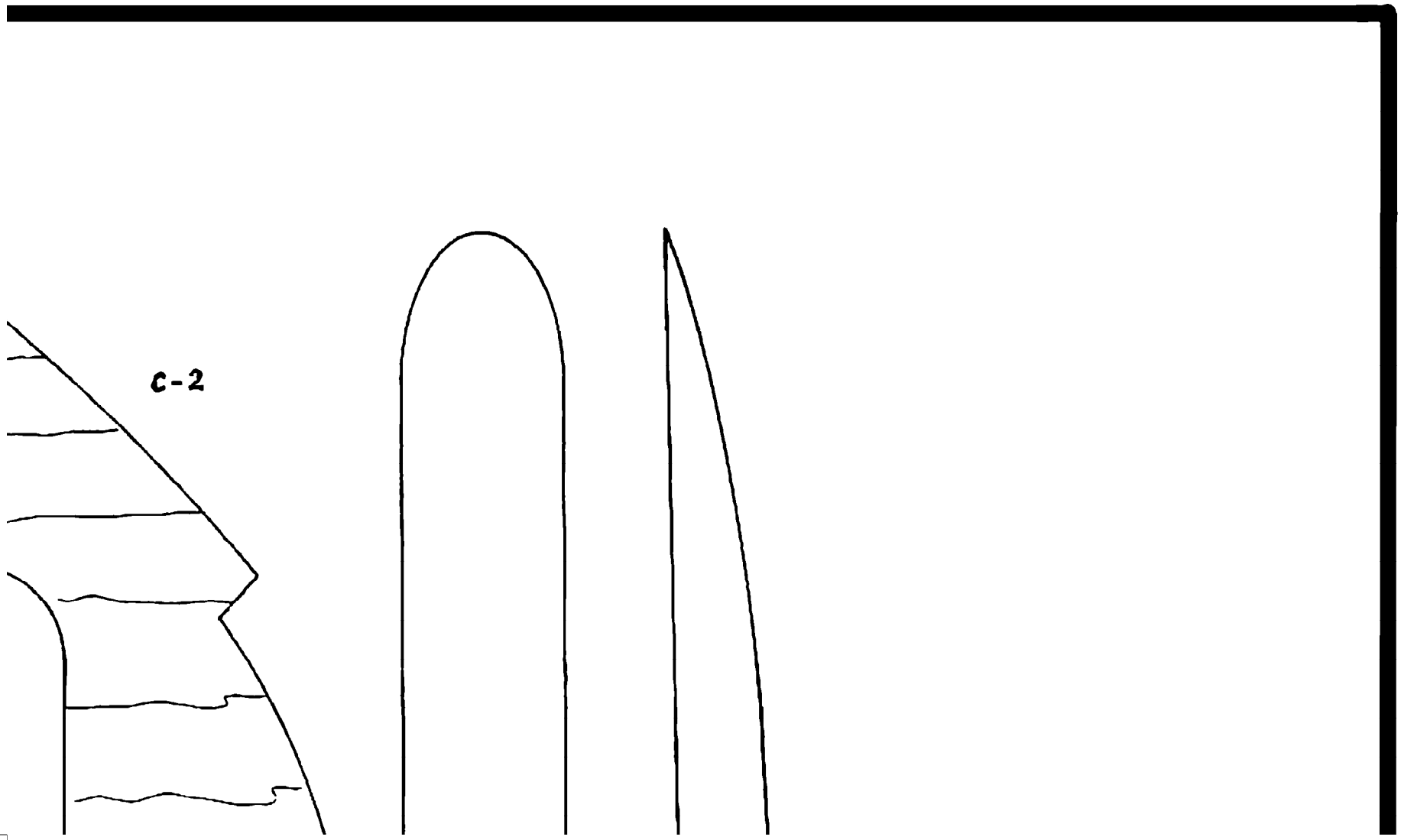

MOTOR MOUNTS
3/4 SQ. MAPLE
F-25

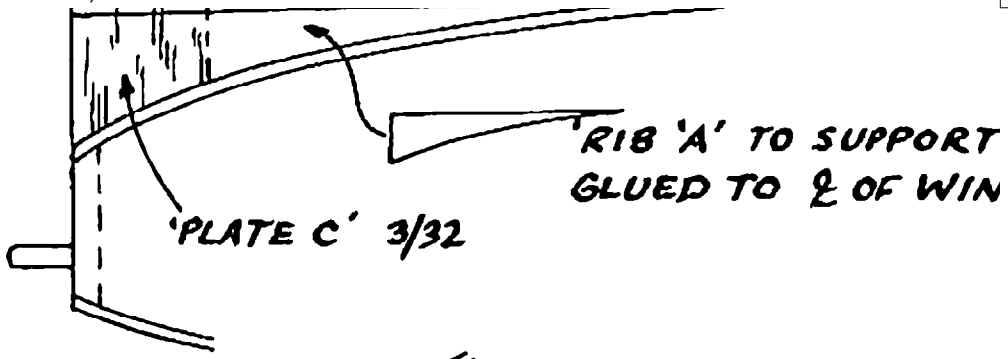

1/4 SQ. CRUTCH

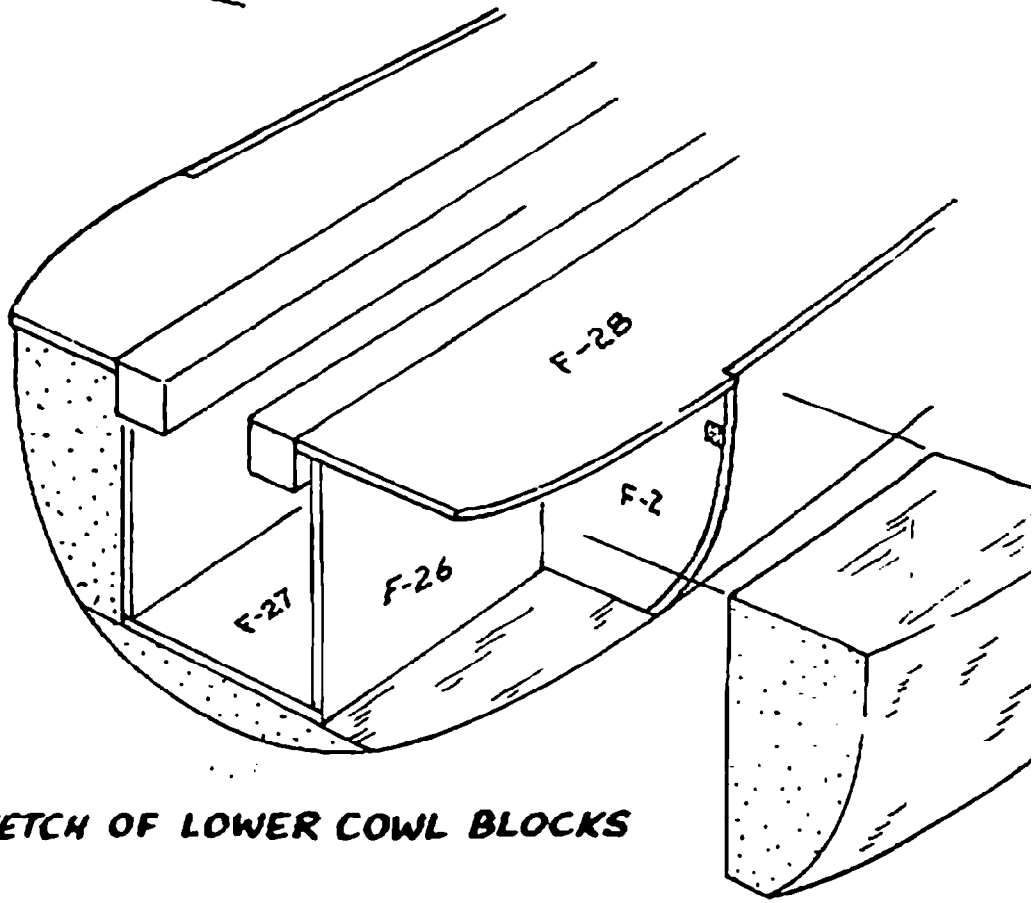

EXTERNAL OUTLINE OF FINISHED FUSELAGE


1/4 DOWEL (OR, OPTIONALLY, GF ARROWSHAFT) ELEVATOR PUSHROD

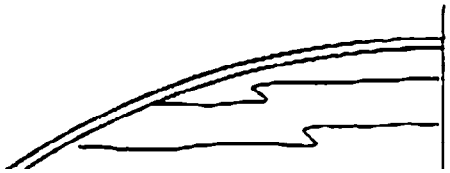

F-20

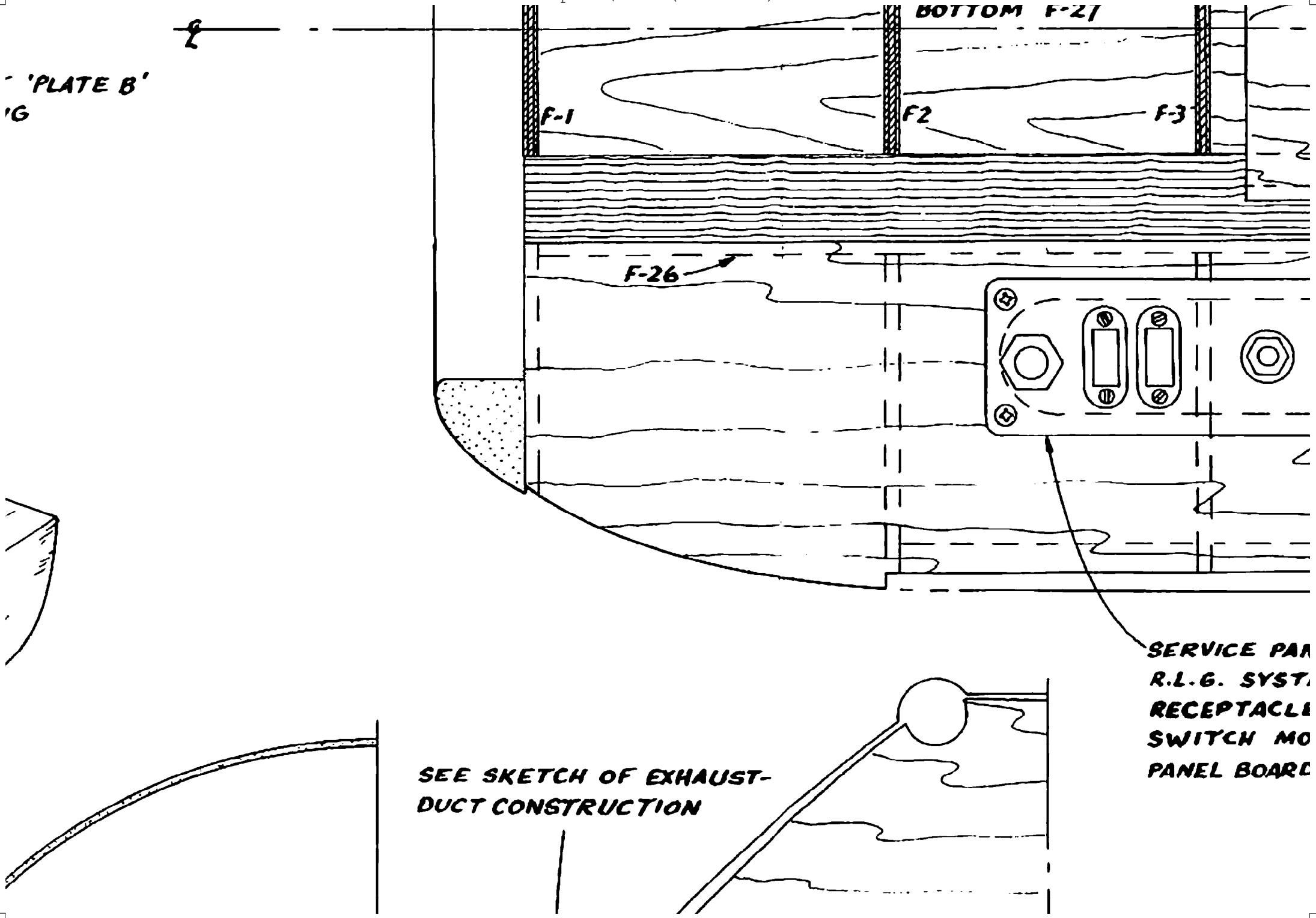

C-2

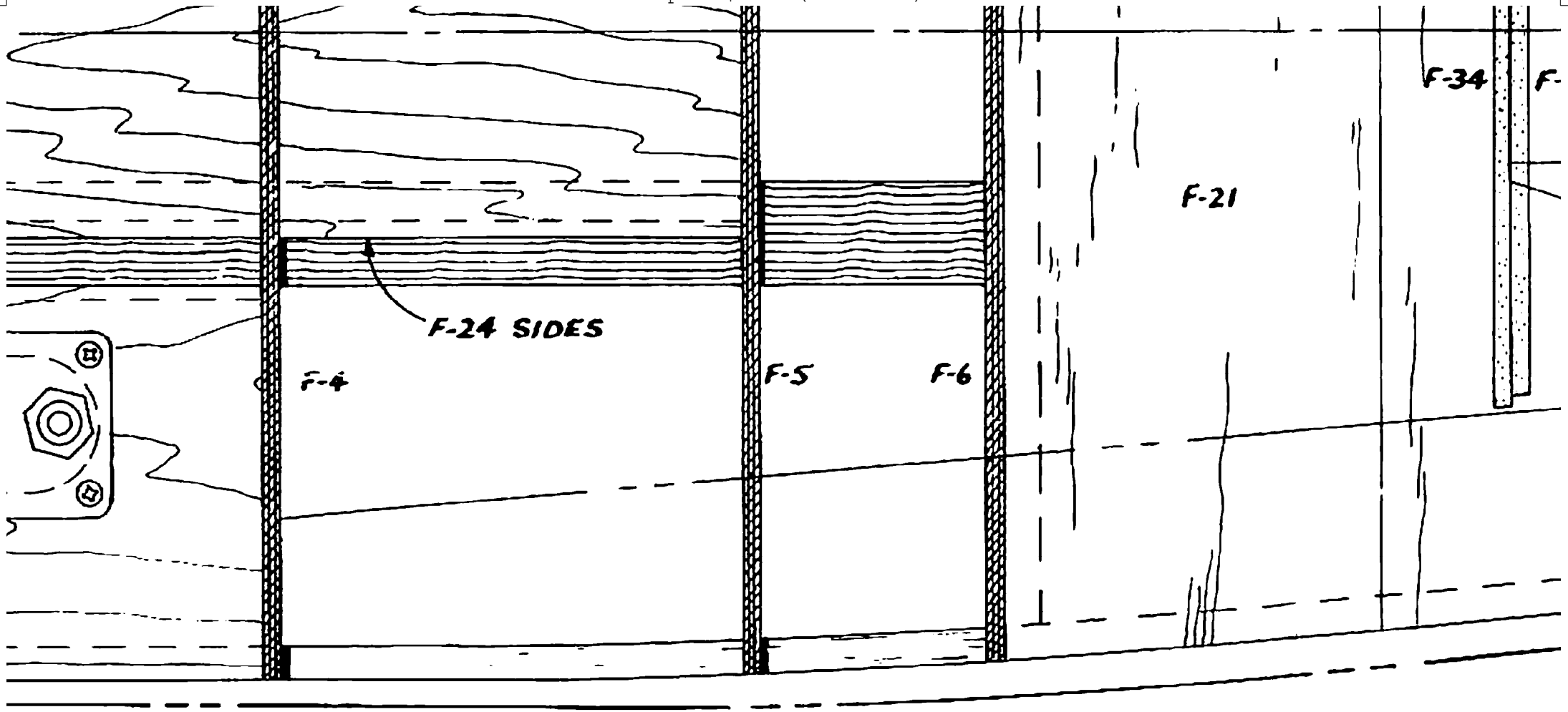




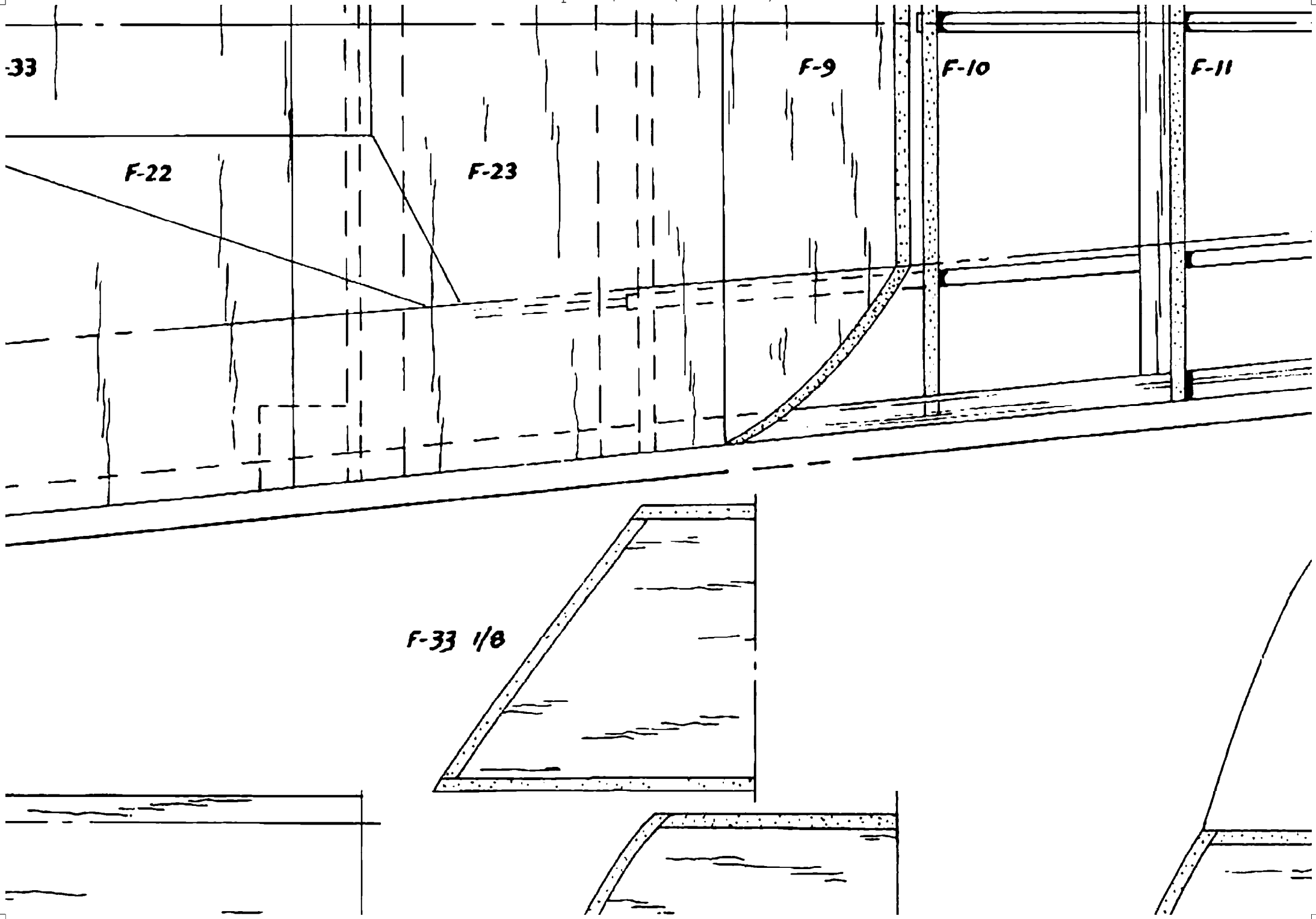
SKETCH OF LOWER COWL BLOCKS

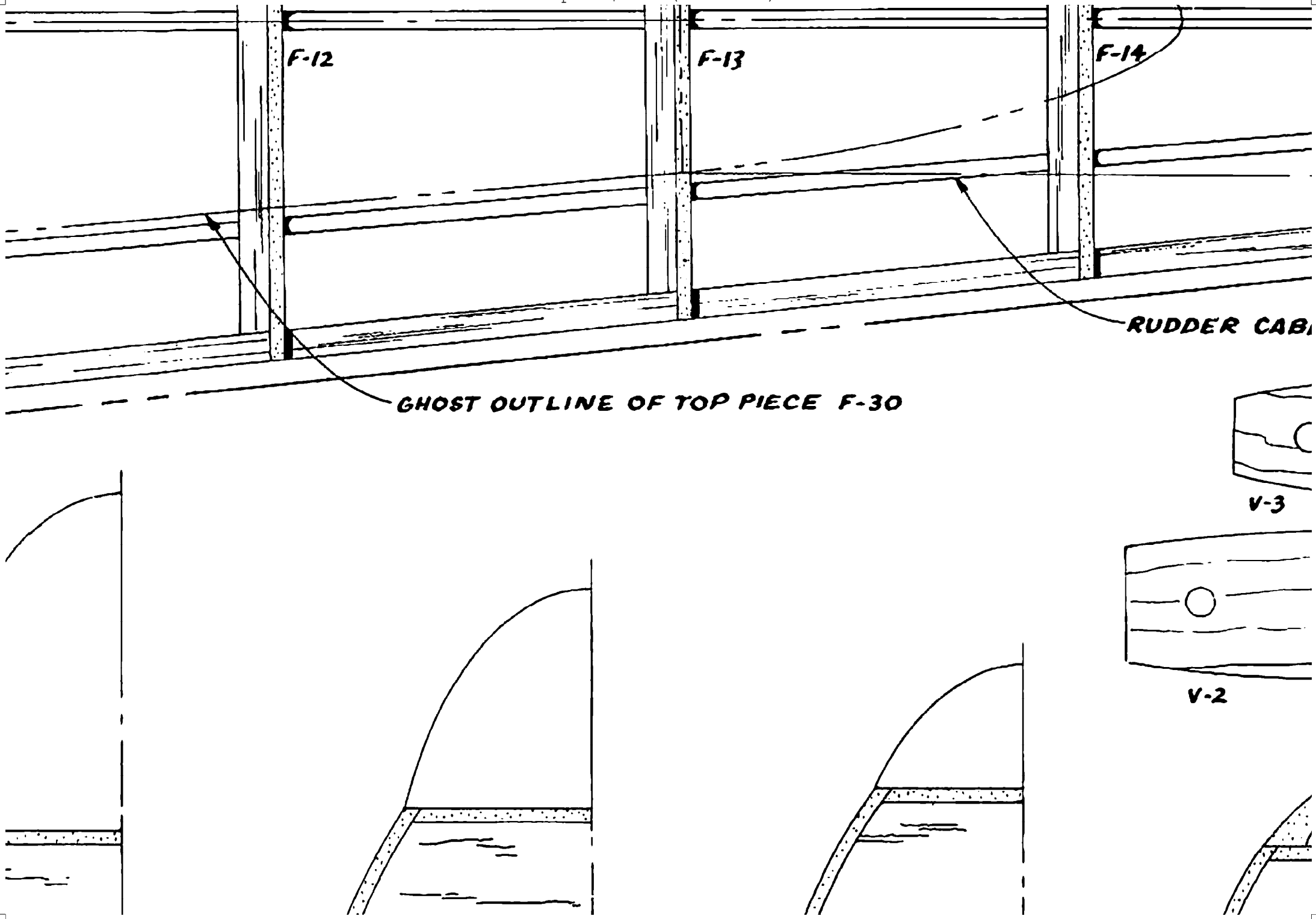


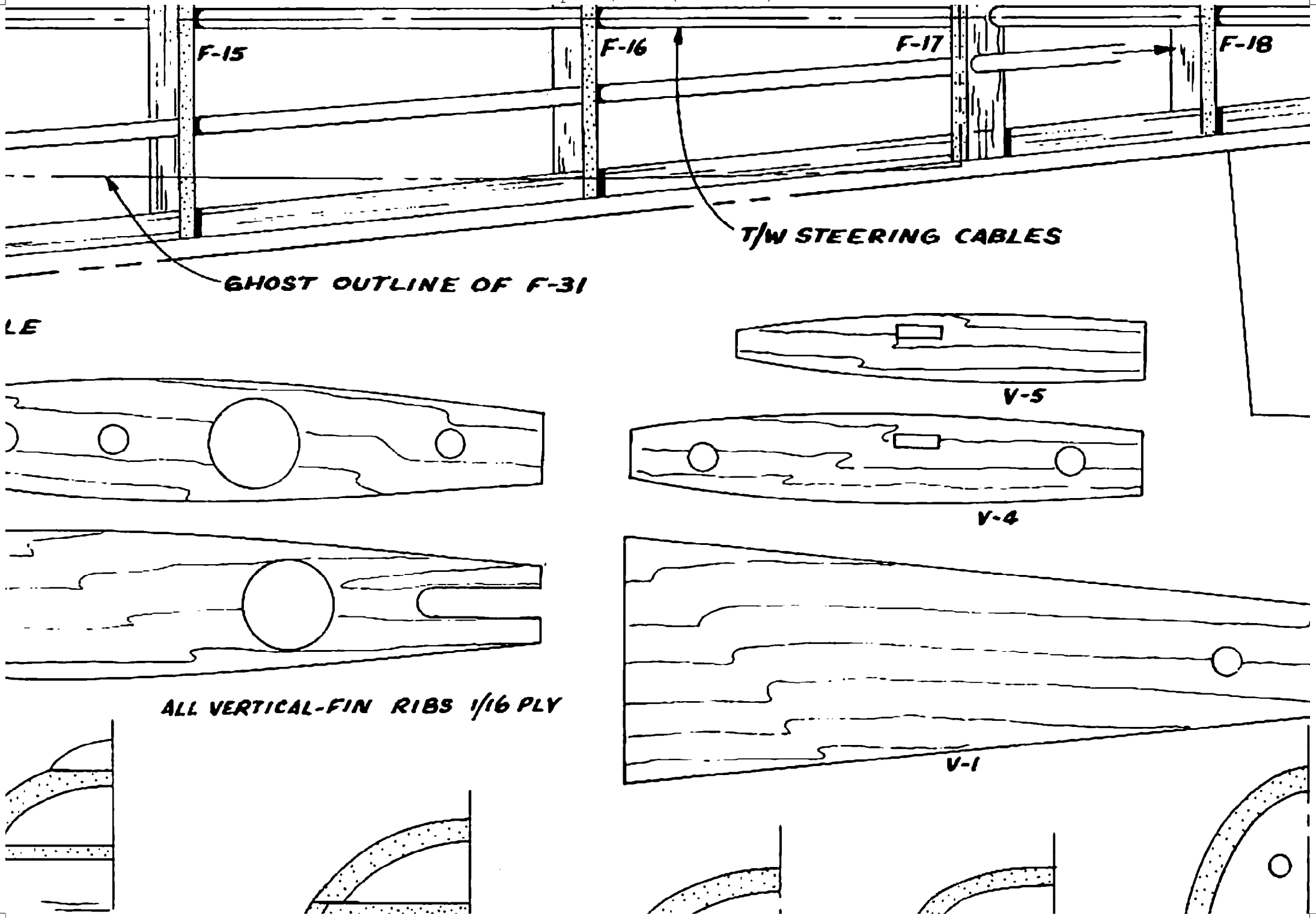

BOTTOM F-27
'PLATE B'
'G
F-1
F2
F-3
F-26
SERVICE PA
R.L.G. SYST
RECEPTACL
SWITCH MO
PANEL BOARD
SEE SKETCH OF EXHAUST-
DUCT CONSTRUCTION

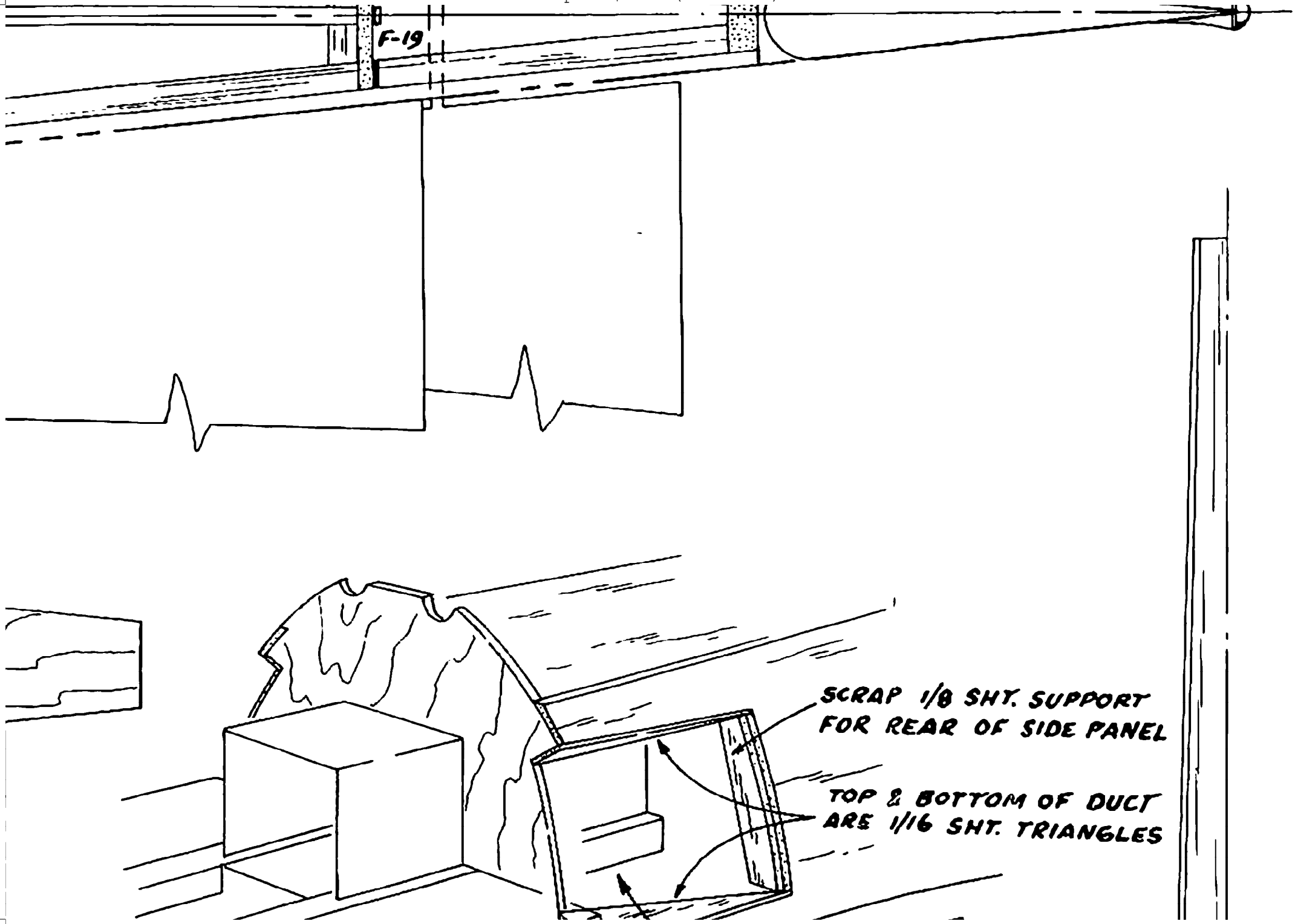


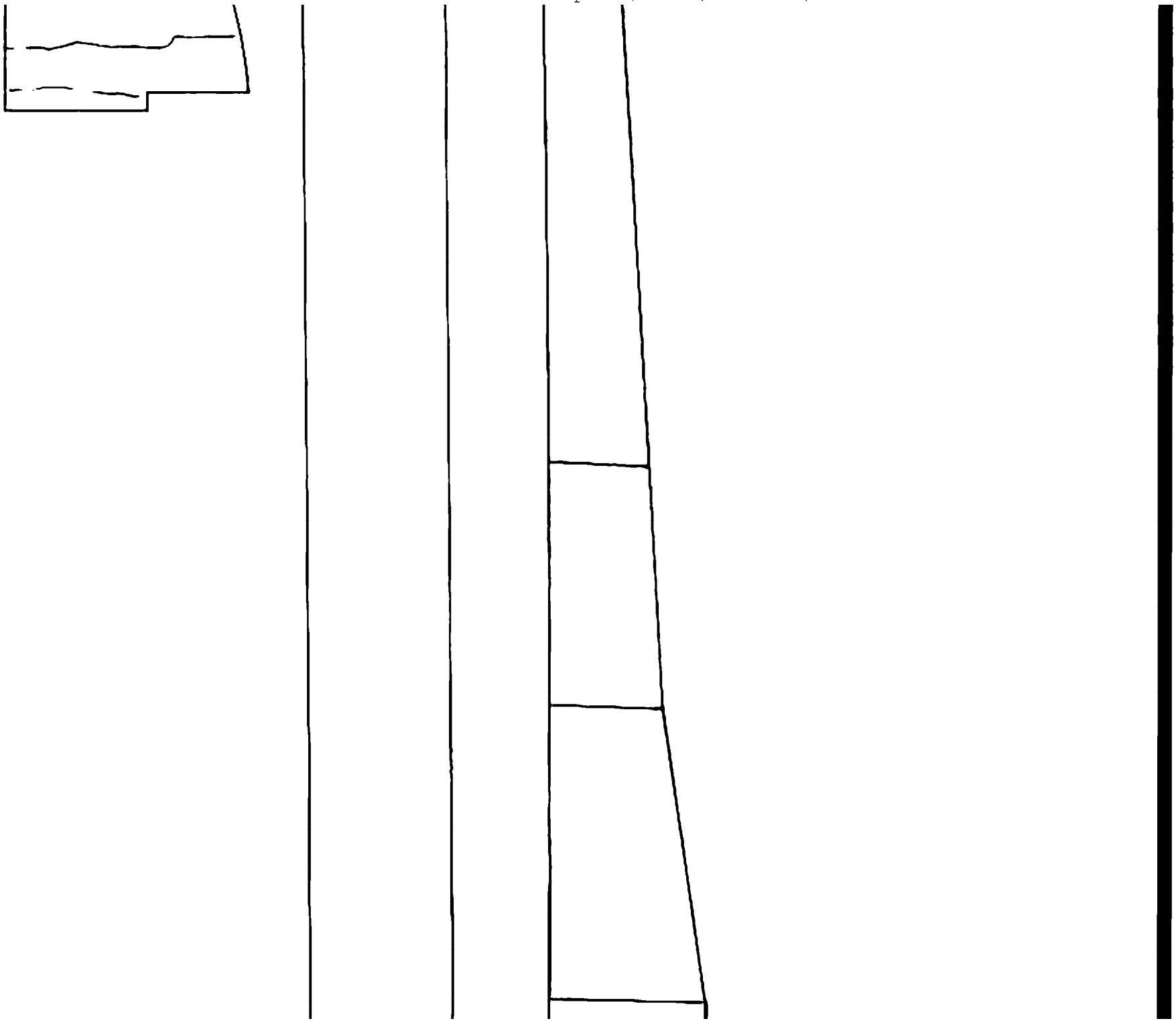
VEL MOUNTS FOLLOWING COMPONENTS :
EM AIR FILLING-VALVE AND PRESSURE MONITOR,
ES FOR CHARGING AND DSC CORD, AND RECEIVER
UNTED IN DUBRO KWICK-SWITCH MOUNT.
FROM 1/16 G-10.

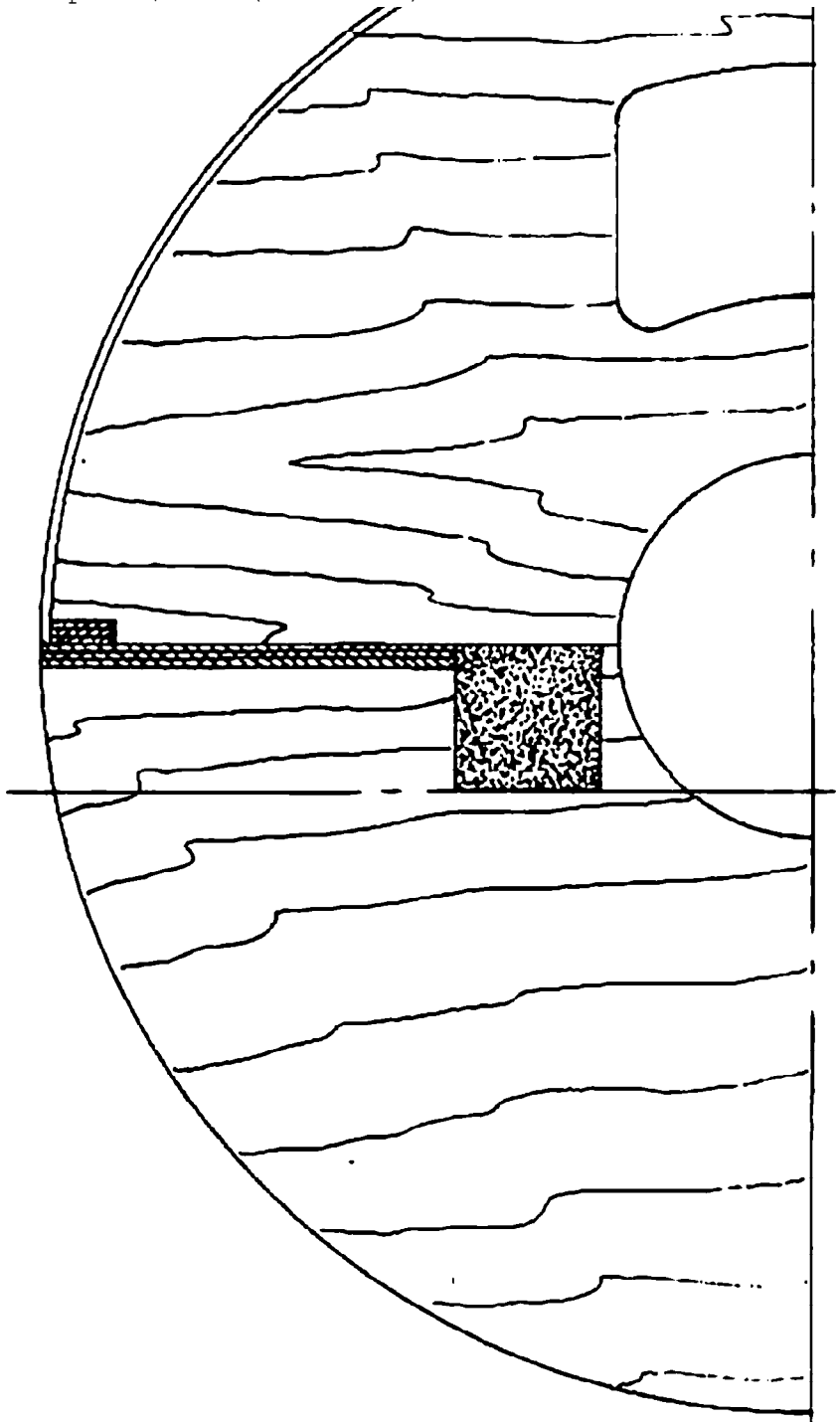

-33
F-9
F-10
F-11
F-22
F-23
F-33 1/8


F-12
F-13
F-14
RUDDER CAB
GHOST OUTLINE OF TOP PIECE F-30
V-3
V-2

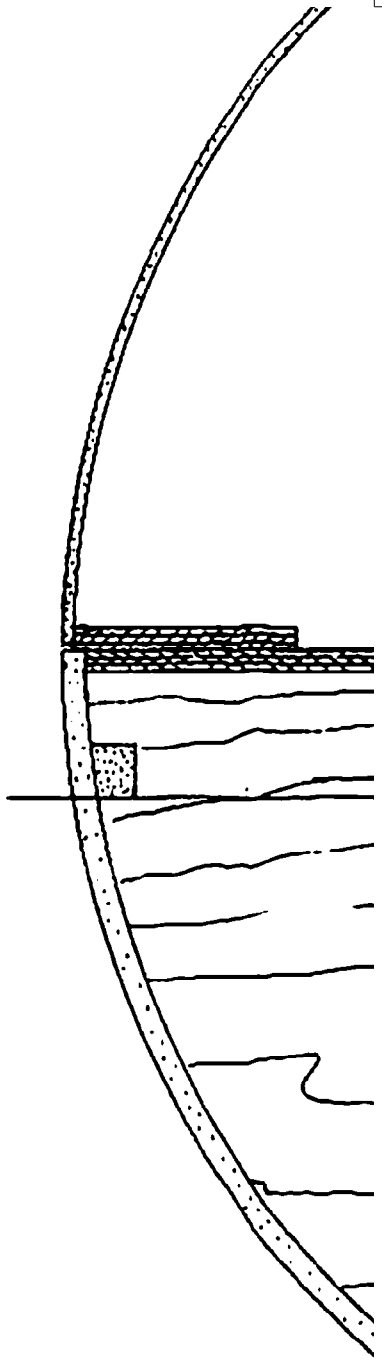

F-15
F-16
F-17
F-18
T/W STEERING CABLES
GHOST OUTLINE OF F-31
LE
V-5
V-4
ALL VERTICAL-FIN RIBS 1/16 PLY
V-1

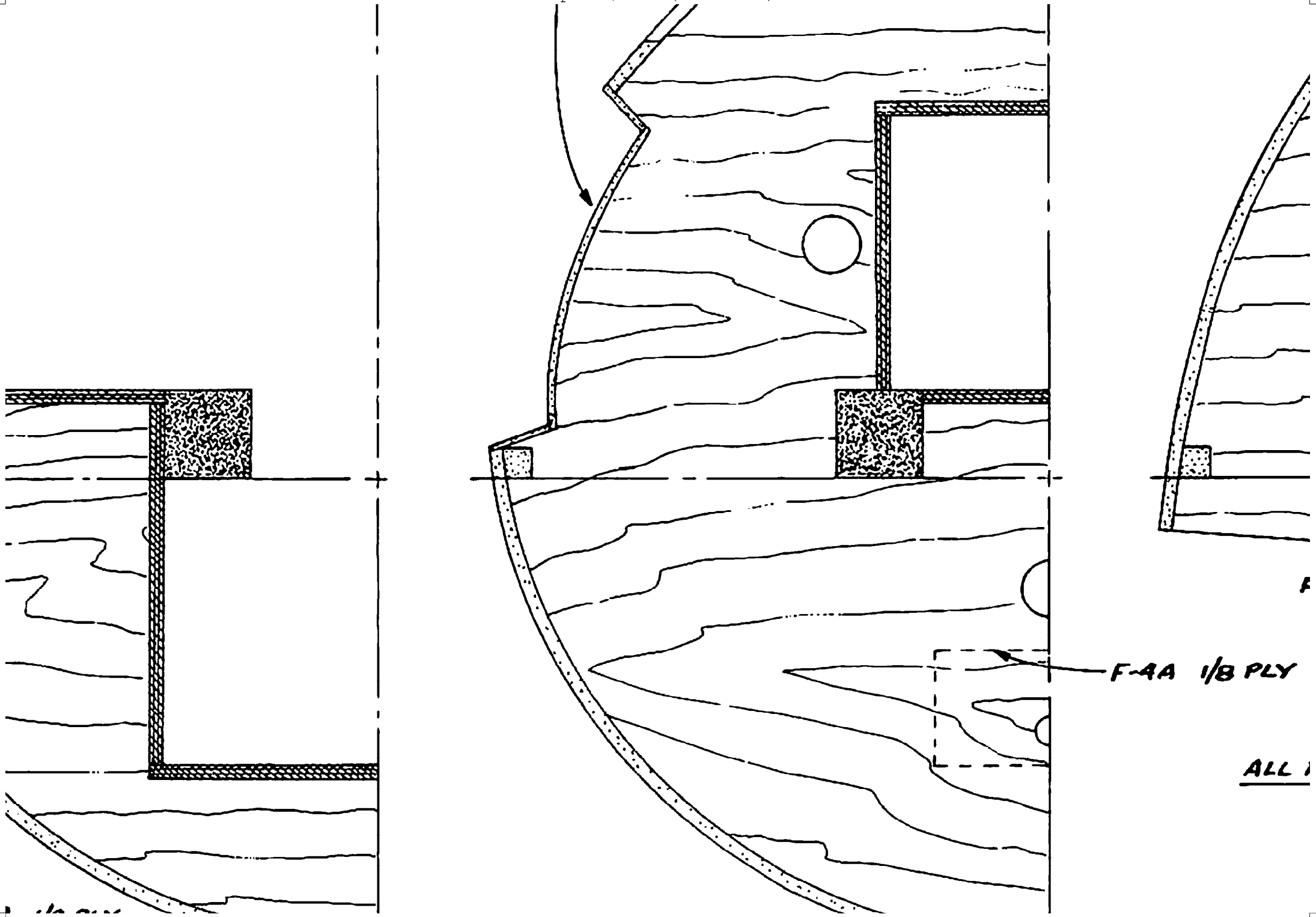

F-19
SCRAP 1/8 SHT. SUPPORT
FOR REAR OF SIDE PANEL
TOP & BOTTOM OF DUCT
ARE 1/16 SHT. TRIANGLES

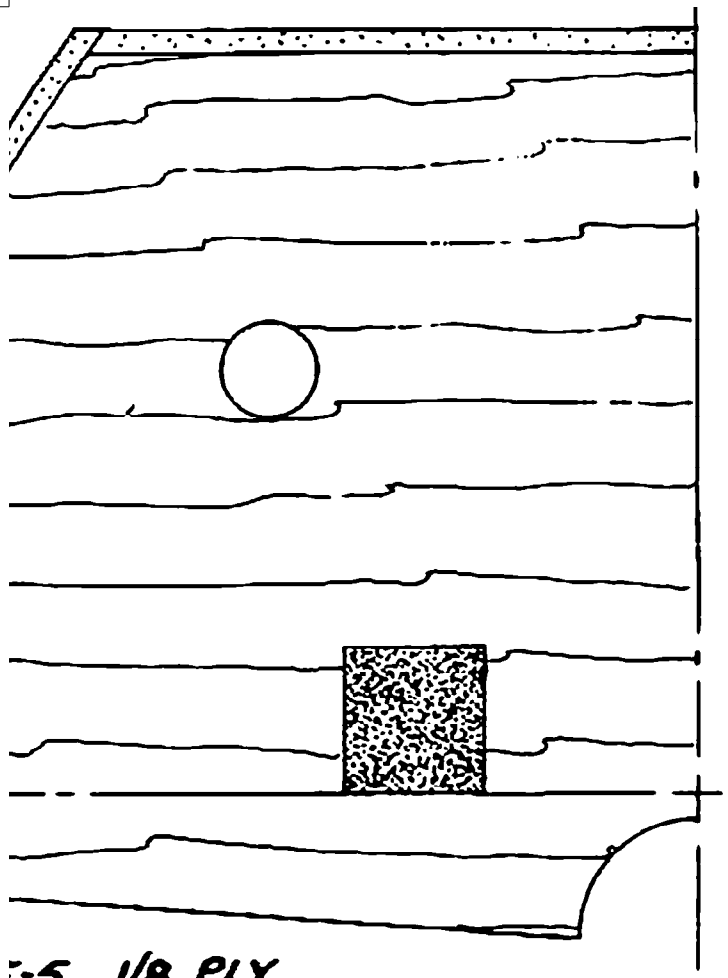




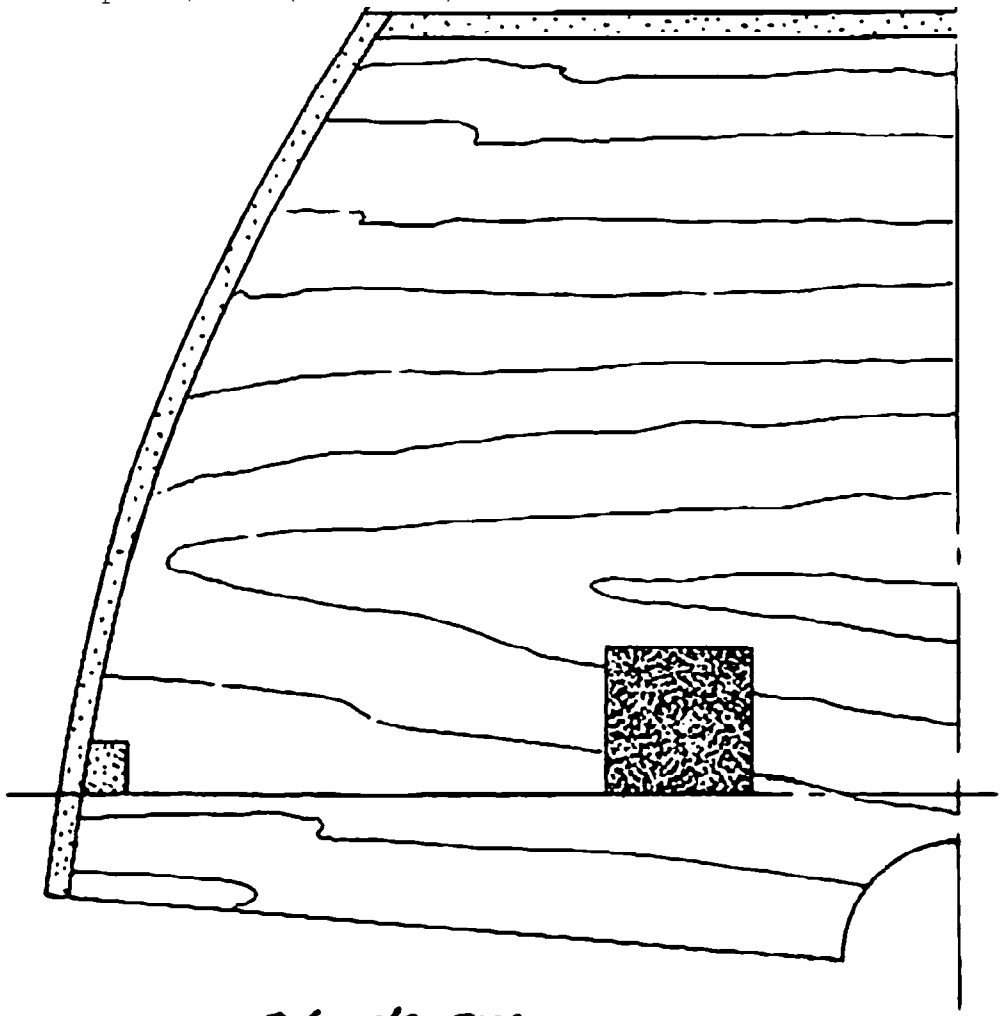
F-1 & C-1 1/8 PLY




F-4A 1/8 PLY
ALL



F-5 1/8 PLY

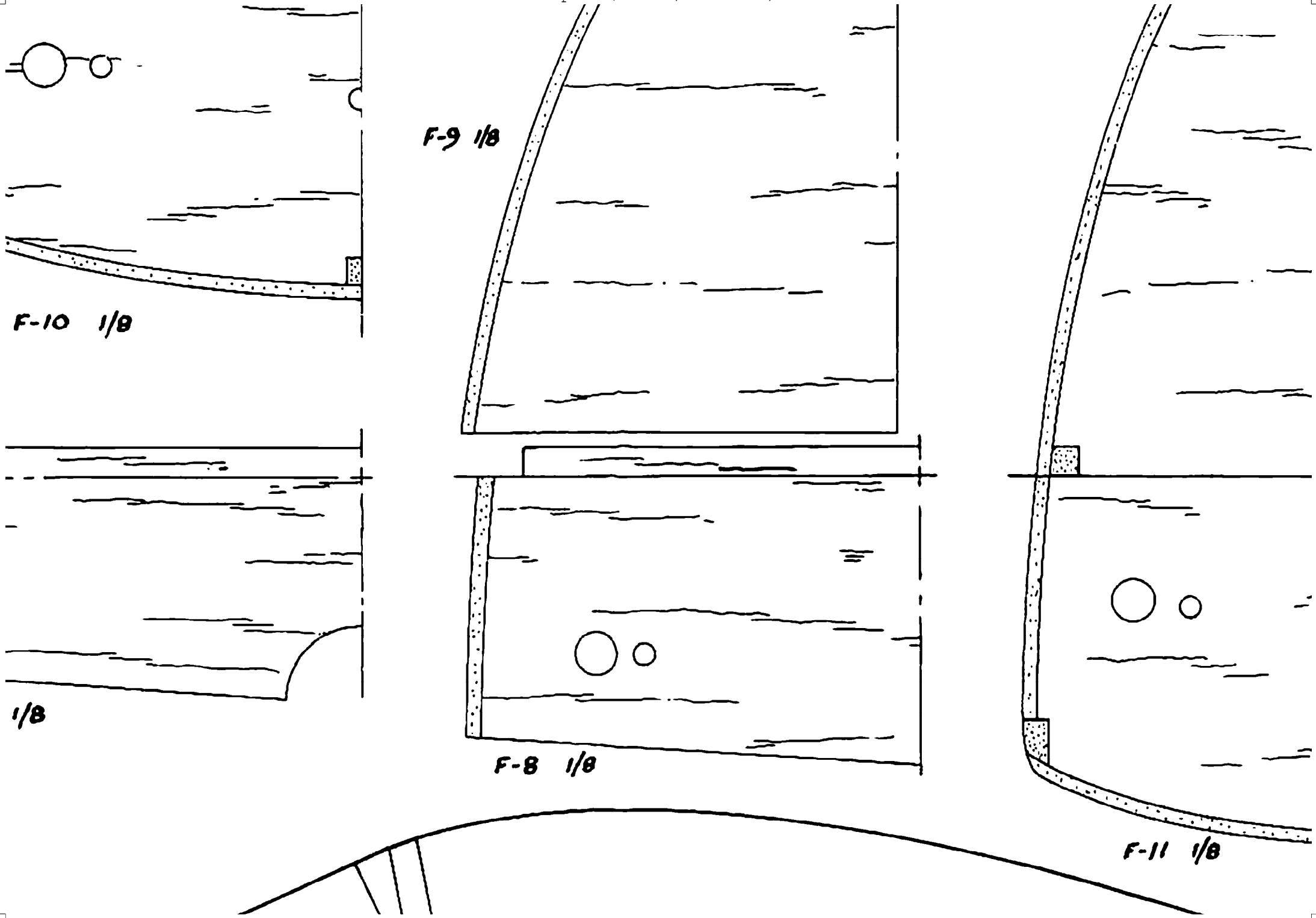


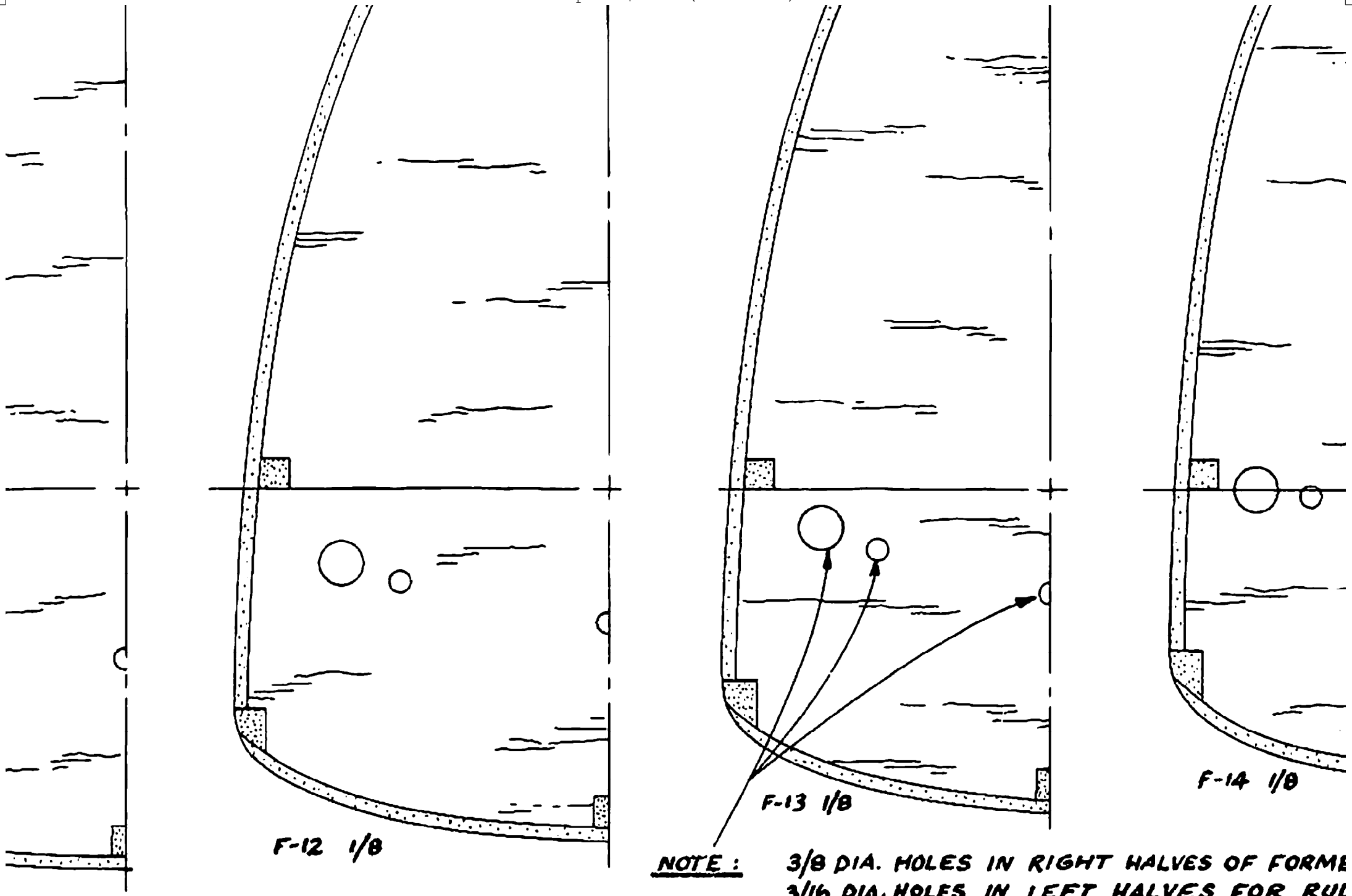
F-6 1/8 PLY

F-7

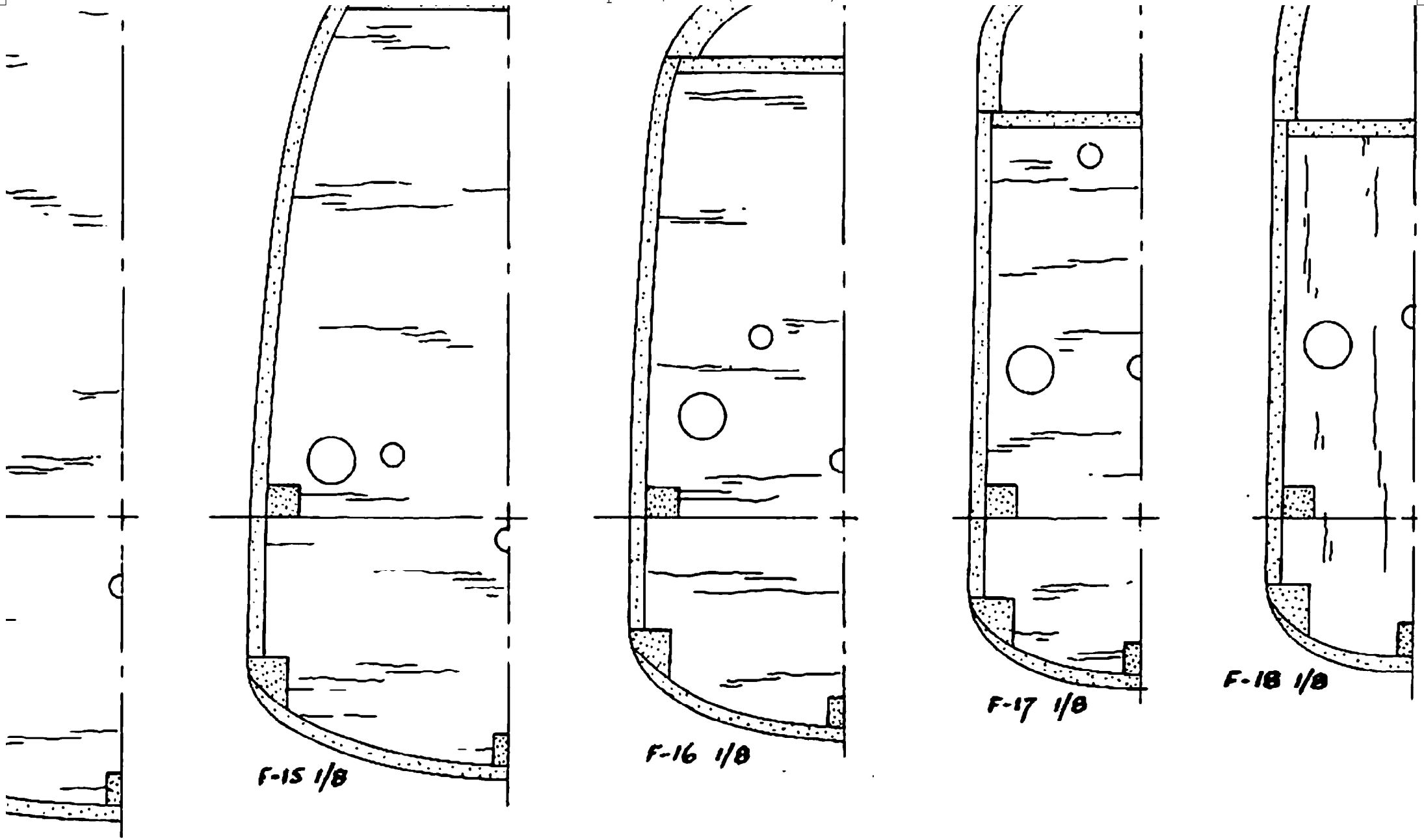
PARTS F-24 THRU F-29 1/8 PLY

ALL FORMERS ARE SYMMETRICAL.
RIGHT HALVES ONLY SHOWN, TO SAVE SPACE


F-9 1/8
F-10 1/8
1/8
F-8 1/8
F-11 1/8

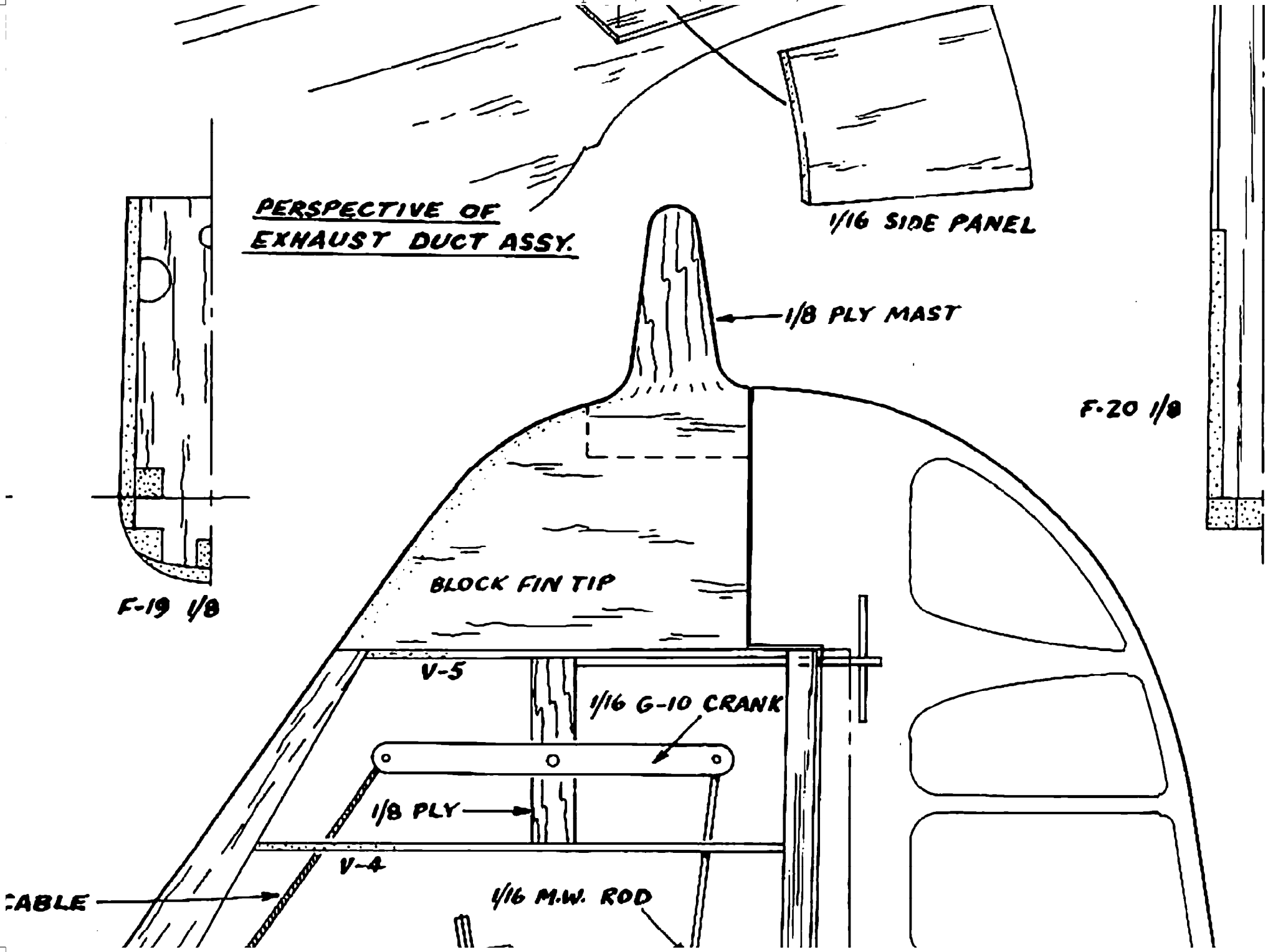


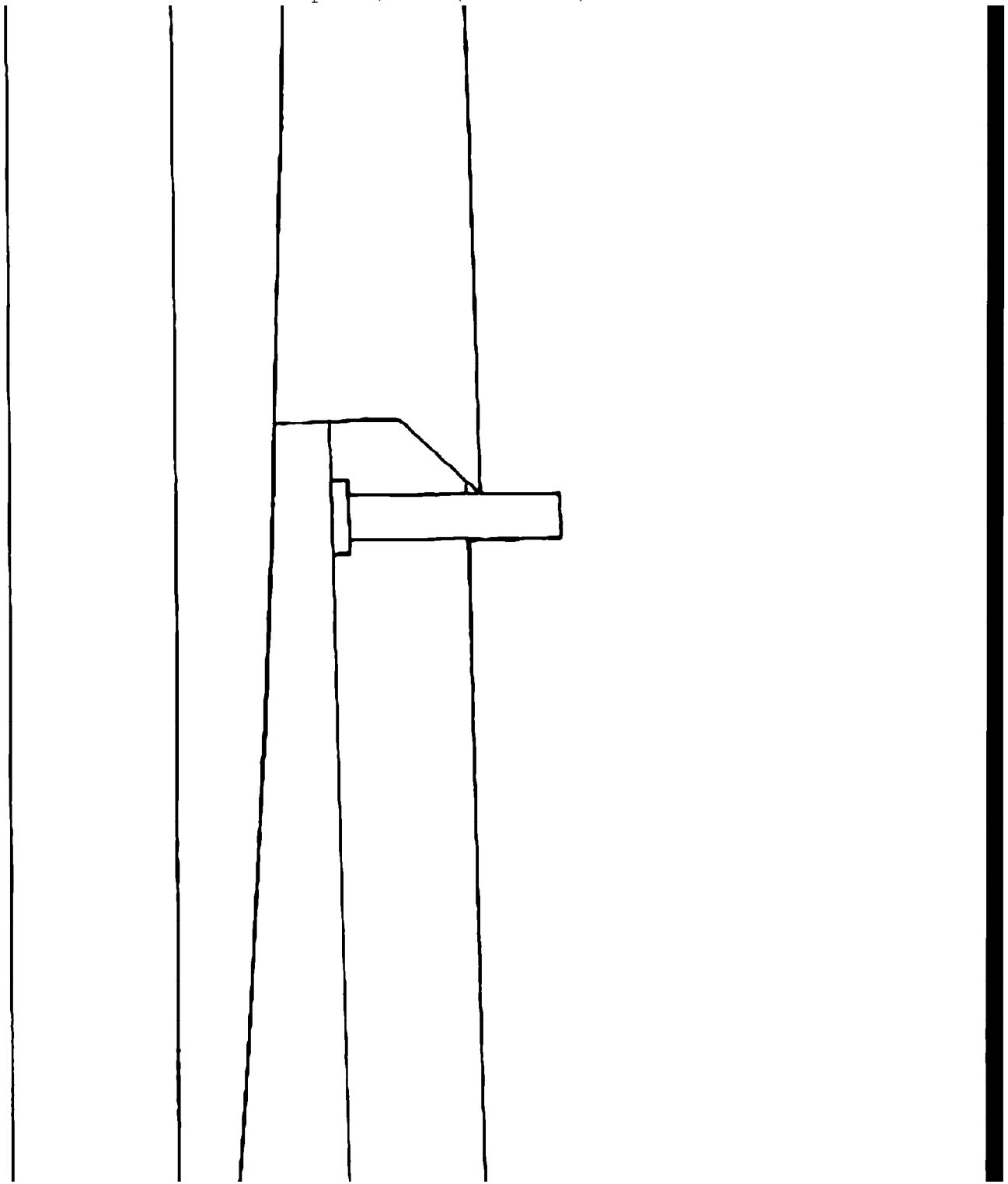
NOTE: 3/8 DIA. HOLES IN RIGHT HALVES OF FORME
3/16 DIA. HOLES IN LEFT HALVES FOR RUL
3/16 DIA. HOLES IN CENTER FOR T/W S

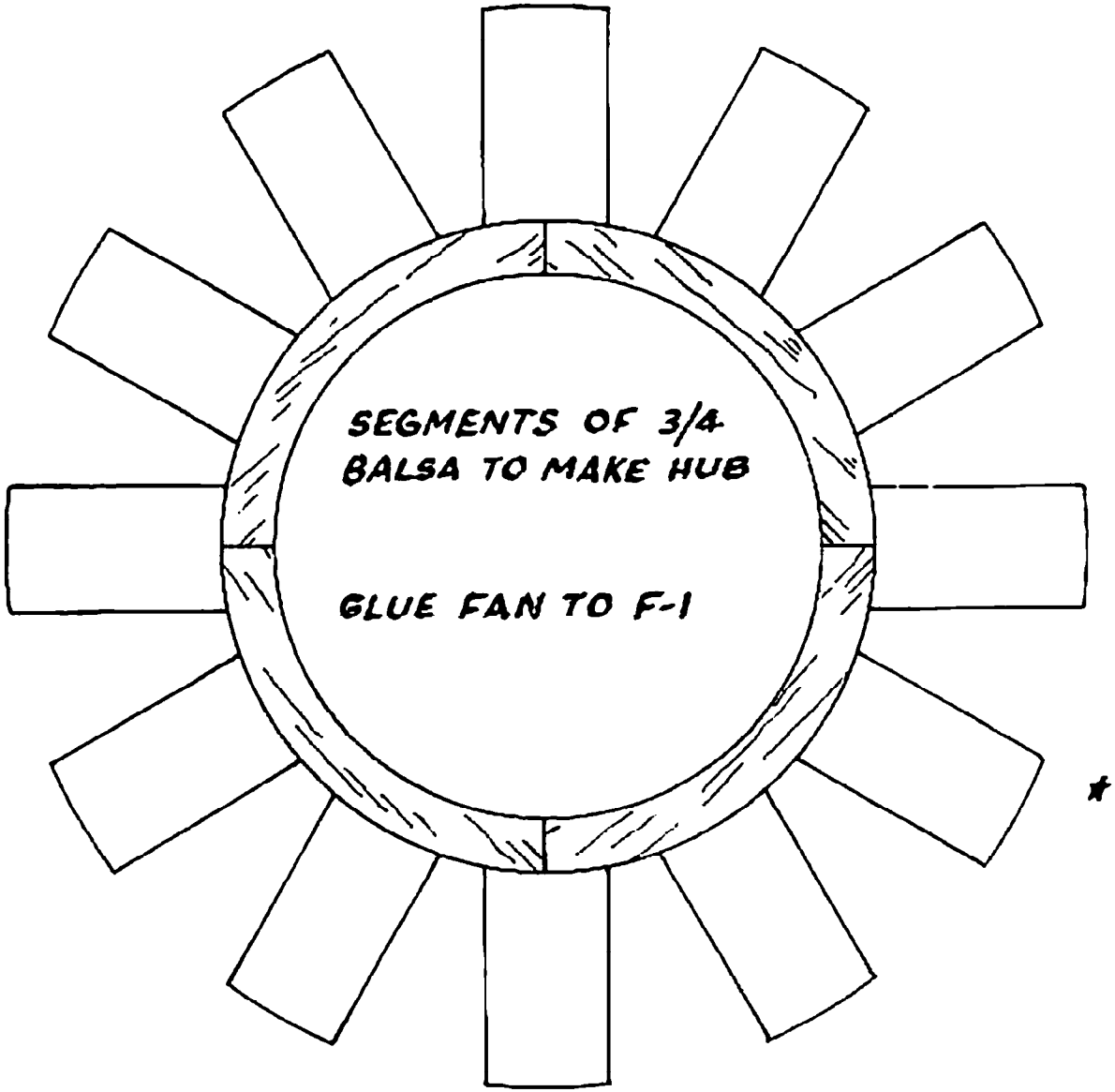


ERS ~ FOR ELEVATOR PUSHROD
DDER CABLE CONDUIT
TEERING CABLES CONDUIT

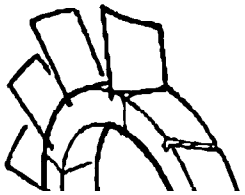
RUDDER CONTROL (


PERSPECTIVE OF
EXHAUST DUCT ASSY.
1/16 SIDE PANEL
1/8 PLY MAST
F-20 1/8
F-19 1/8
BLOCK FIN TIP
V-5
1/16 G-10 CRANK
1/8 PLY
V-4
CABLE
1/16 M.W. ROD

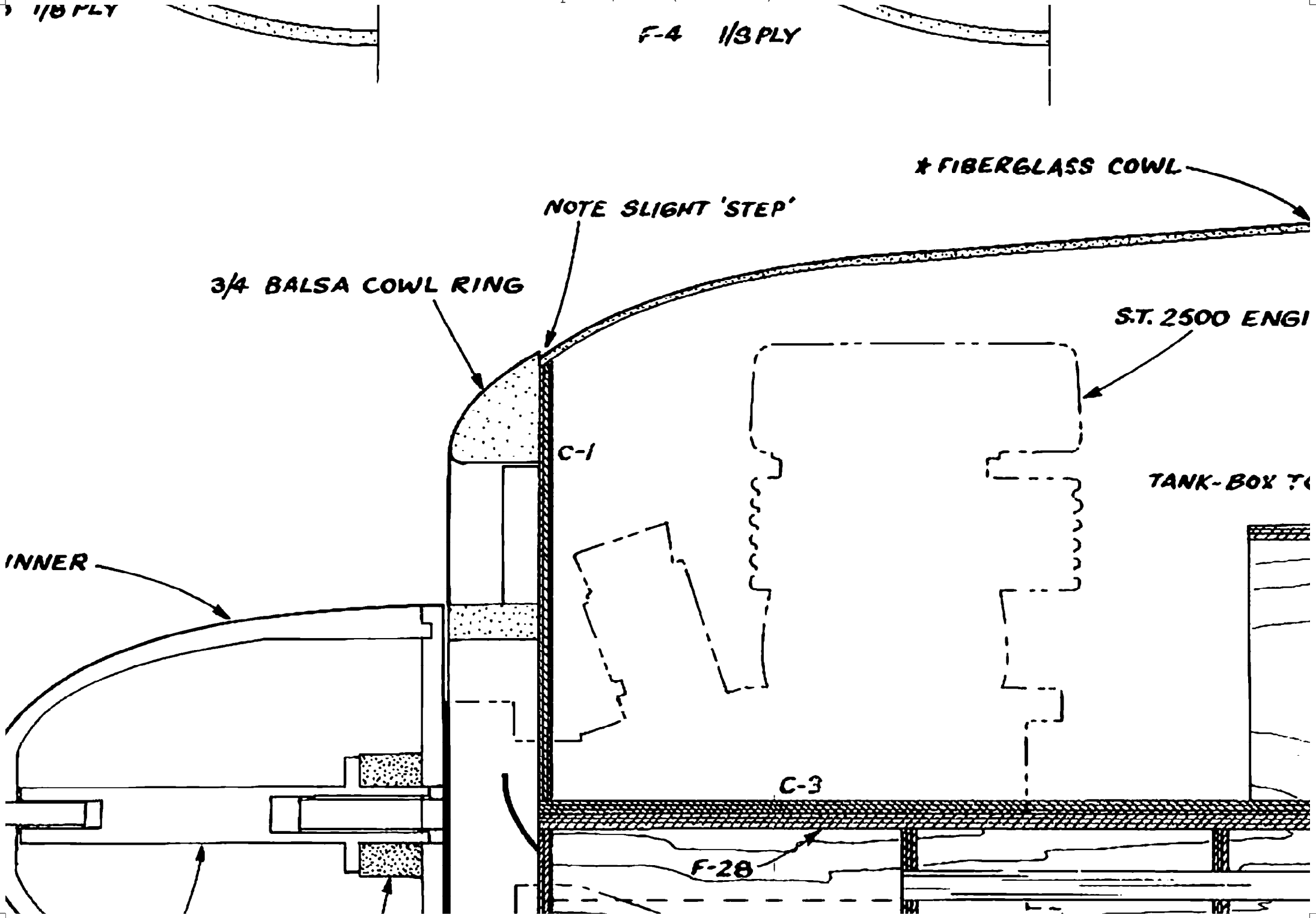


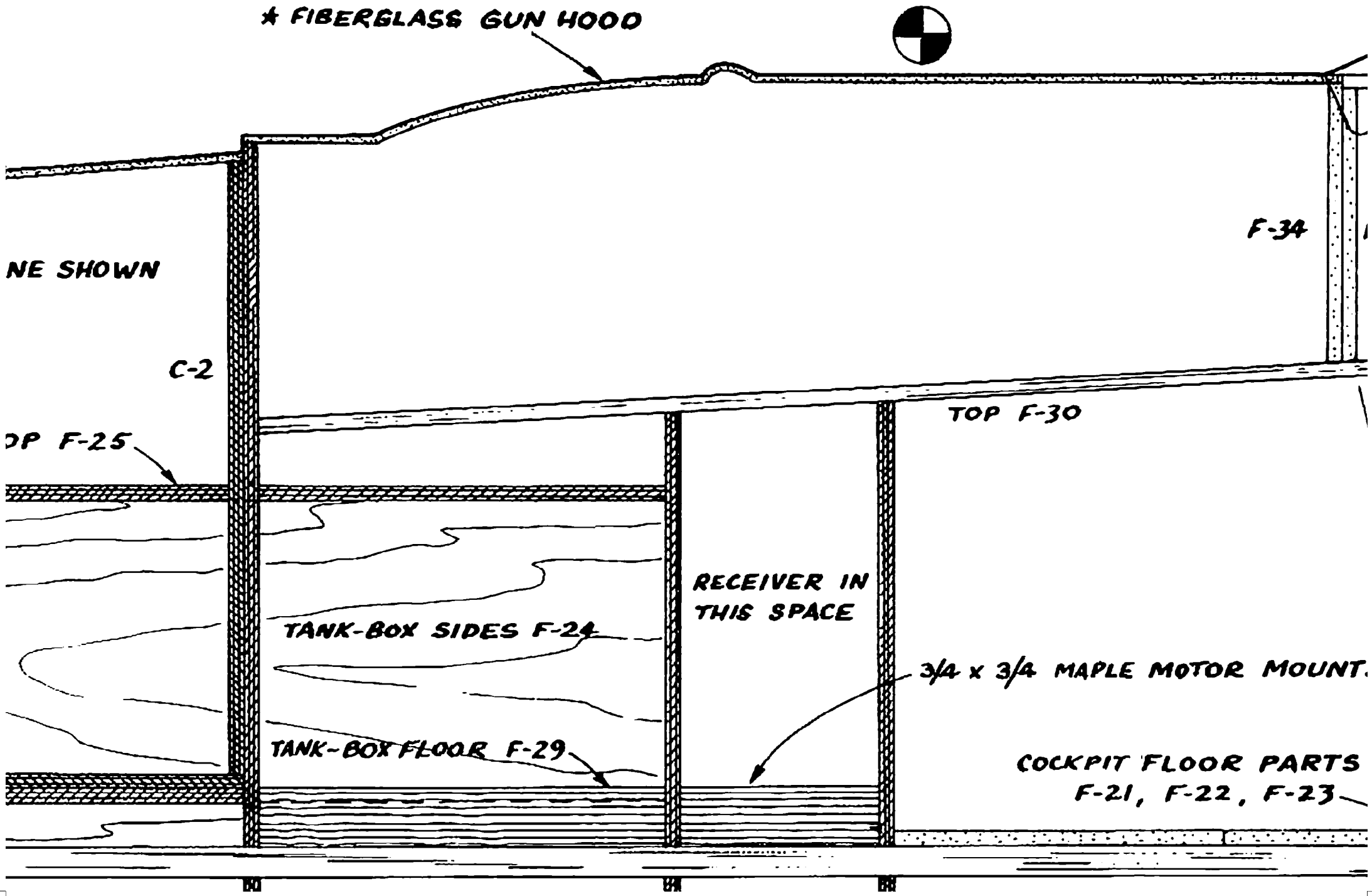


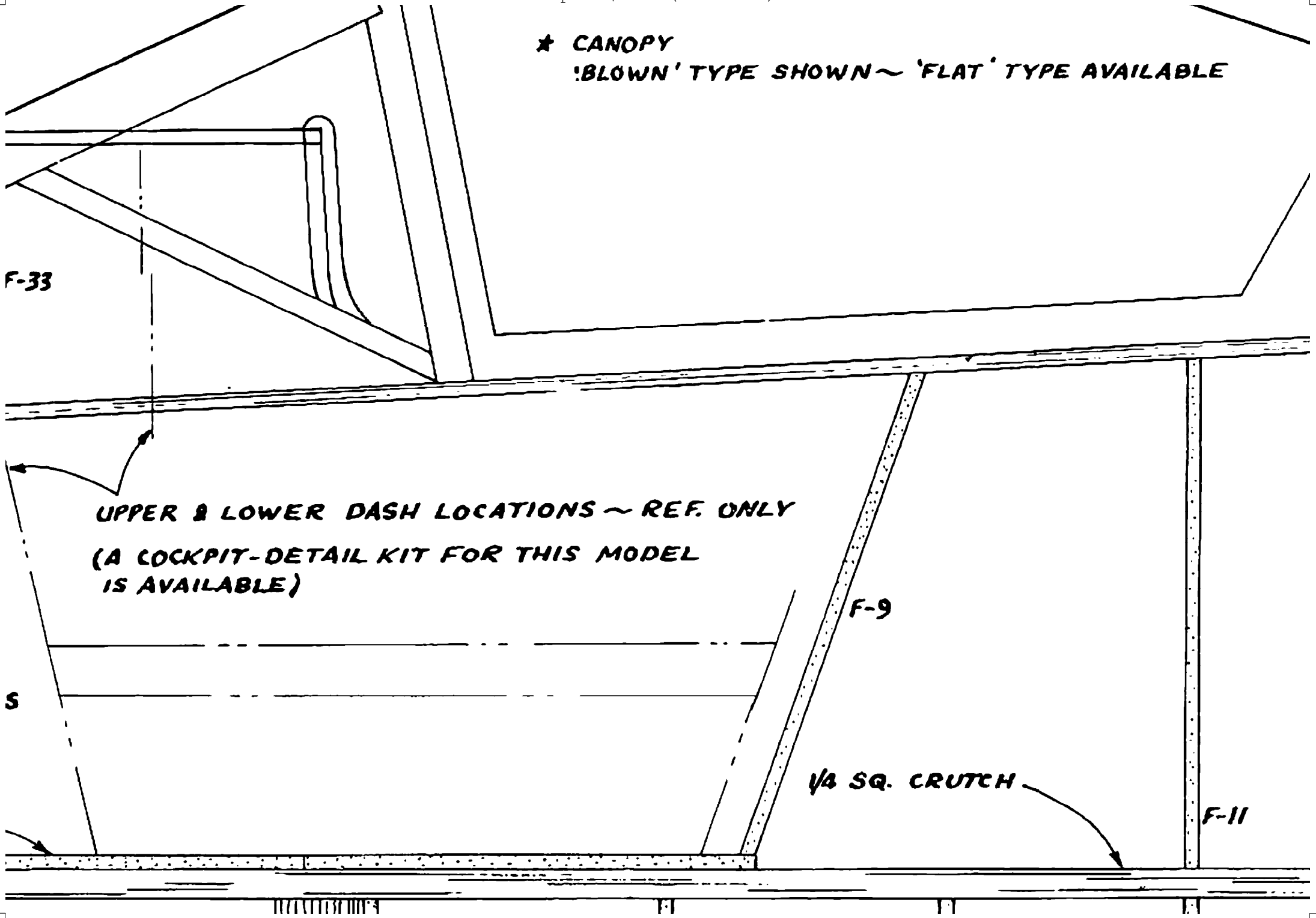
CUT PIECES OF K&S ALUM.
AIRFOIL-SECTION TUBING
TO LENGTH OF BLADES, THEN

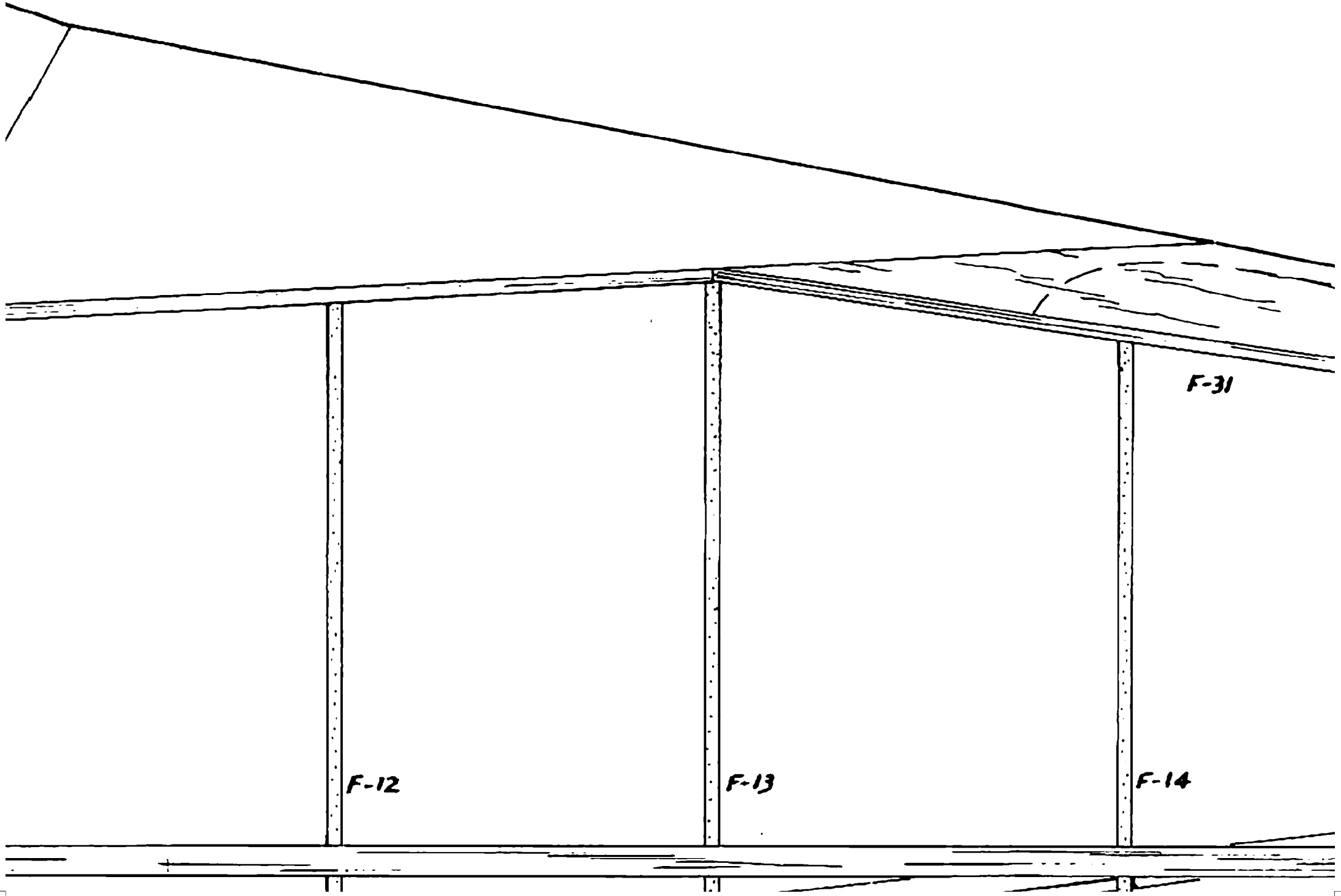


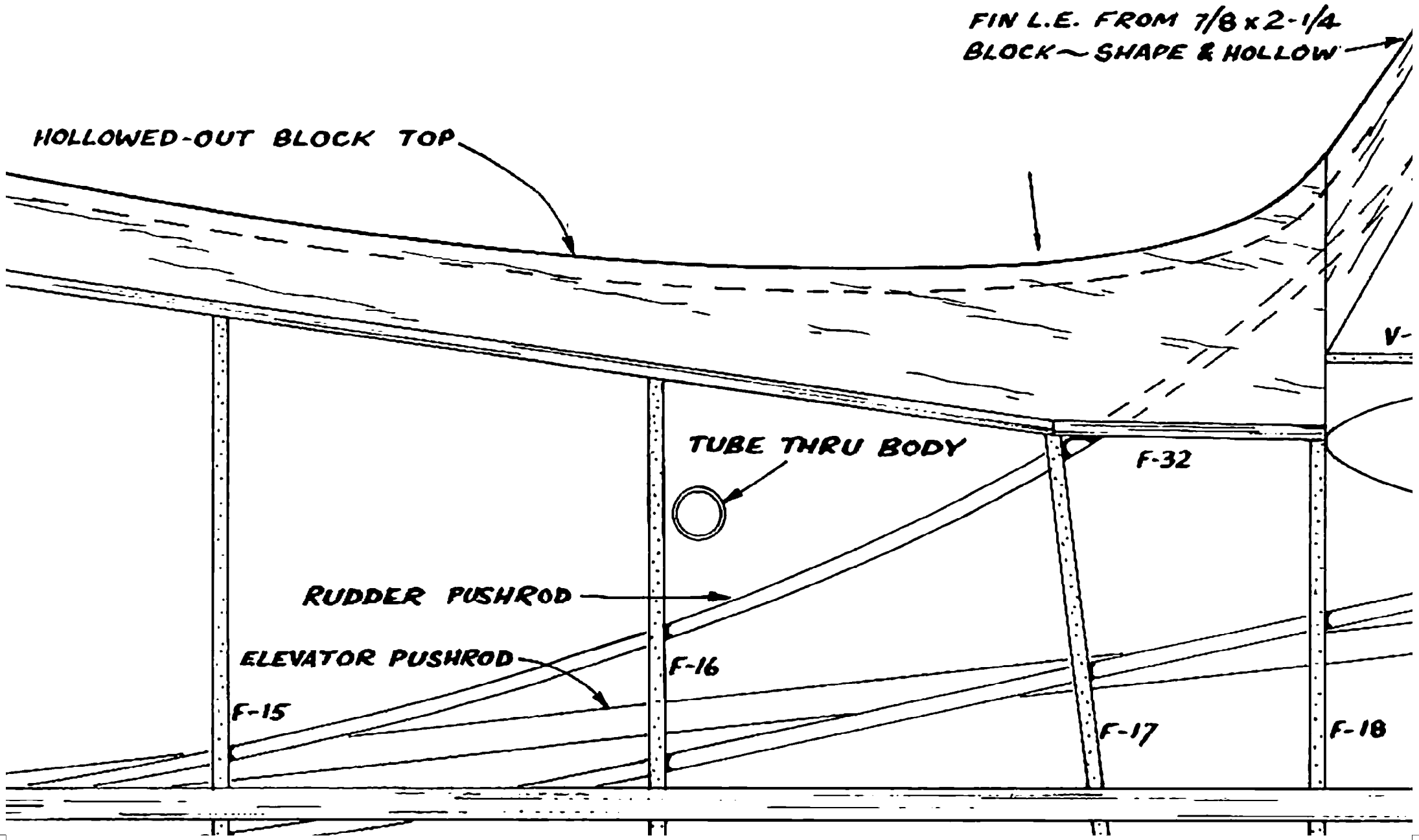
PERSPECTIVE OF

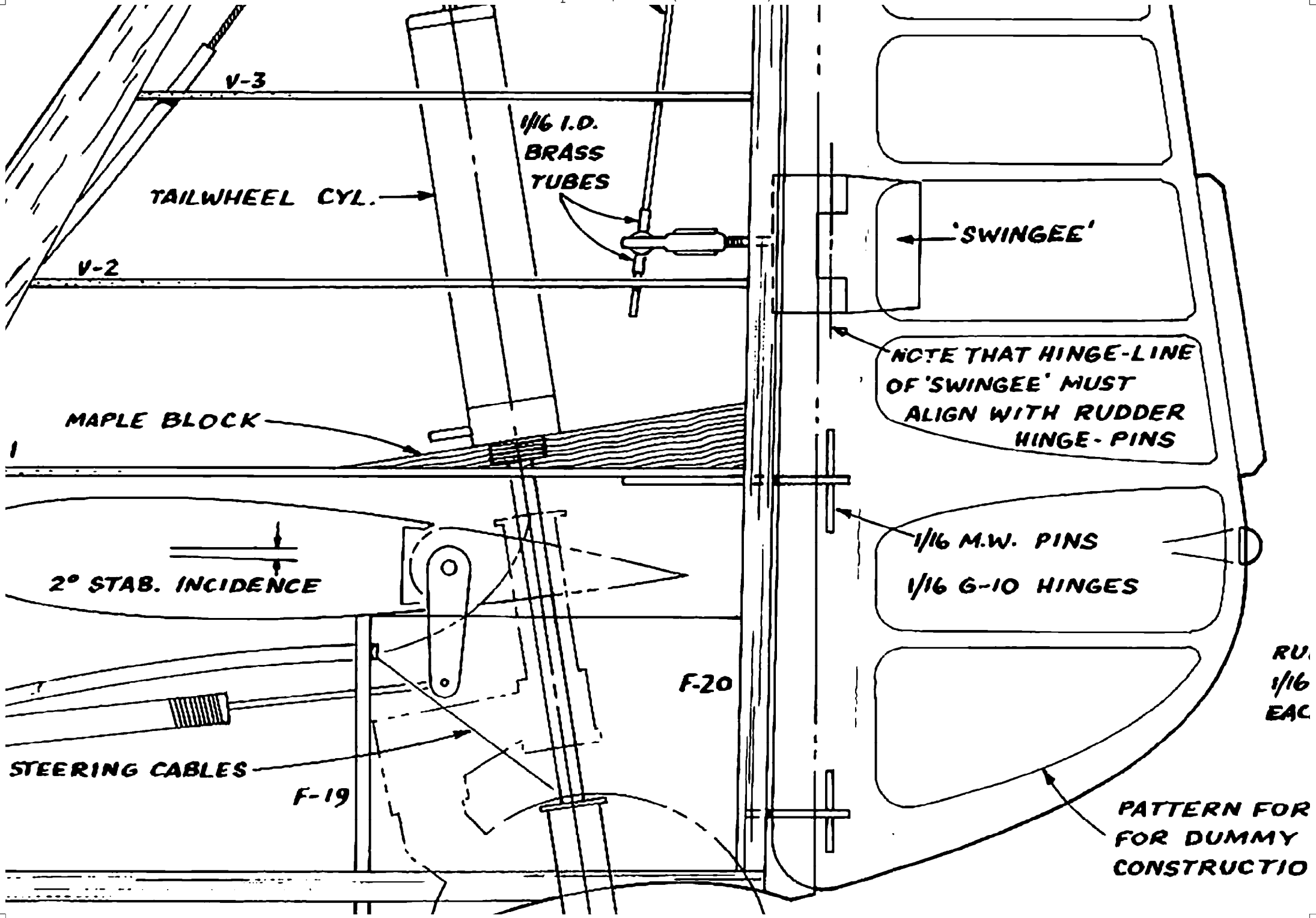

1/8 PLY
F-4 1/3 PLY
* FIBERGLASS COWL
NOTE SLIGHT 'STEP'
3/4 BALSA COWL RING
S.T. 2500 ENGI
C-1
TANK-BOX T
INNER
C-3
F-28

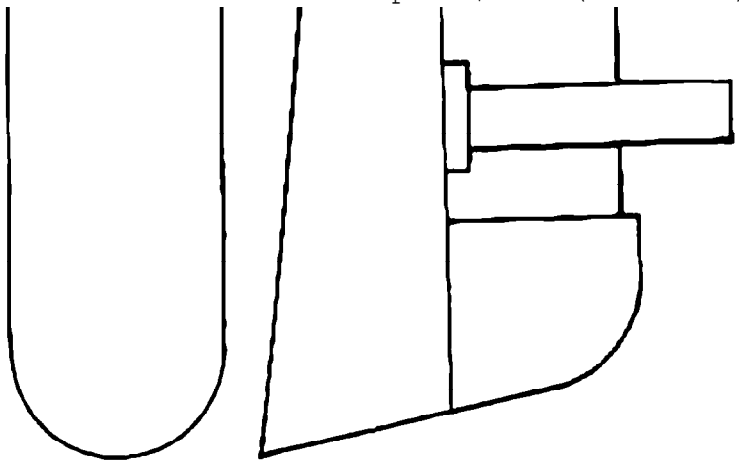

★ FIBERGLASS GUN HOOD
NE SHOWN
C-2
OP F-25
F-34
TOP F-30
RECEIVER IN
THIS SPACE
TANK-BOX SIDES F-24
3/4 x 3/4 MAPLE MOTOR MOUNT.
TANK-BOX FLOOR F-29
COCKPIT FLOOR PARTS
F-21, F-22, F-23


★ CANOPY
'BLOWN' TYPE SHOWN ~ 'FLAT' TYPE AVAILABLE
F-33
UPPER & LOWER DASH LOCATIONS ~ REF. ONLY
(A COCKPIT-DETAIL KIT FOR THIS MODEL IS AVAILABLE)
F-9
S
1/4 SQ. CRUTCH
F-11


F-31
F-12
F-13
F-14


FIN L.E. FROM 7/8 x 2-1/4
BLOCK ~ SHAPE & HOLLOW
HOLLOWED-OUT BLOCK TOP
TUBE THRU BODY
F-32
RUDDER PUSHROD
ELEVATOR PUSHROD
F-16
F-15
F-17
F-18


V-3
1/16 I.D.
BRASS
TUBES
TAILWHEEL CYL.
'SWINGEE'
V-2
NOTE THAT HINGE-LINE
OF 'SWINGEE' MUST
ALIGN WITH RUDDER
HINGE-PINS
MAPLE BLOCK
1/16 M.W. PINS
1/16 G-10 HINGES
2° STAB. INCIDENCE
F-20
STEERING CABLES
F-19
PATTERN FOR
FOR DUMMY
CONSTRUCTIO



TOP & SIDE VIEWS OF ETC
BOMB/TANK RACK. CONSULT
PHOTOS FOR CLOSE DETAILS.
MAKE FROM LIGHT BALSA.

DDER CONSTRUCTION~
SHT. CORE, 1/2 x 1 L.E.
H SIDE + 1/8 SCRAP RIBS

FRISKET
'RUDDER
N'

CUT HORIZONTALLY TO
MAKE 2 BLADES PER PIECE

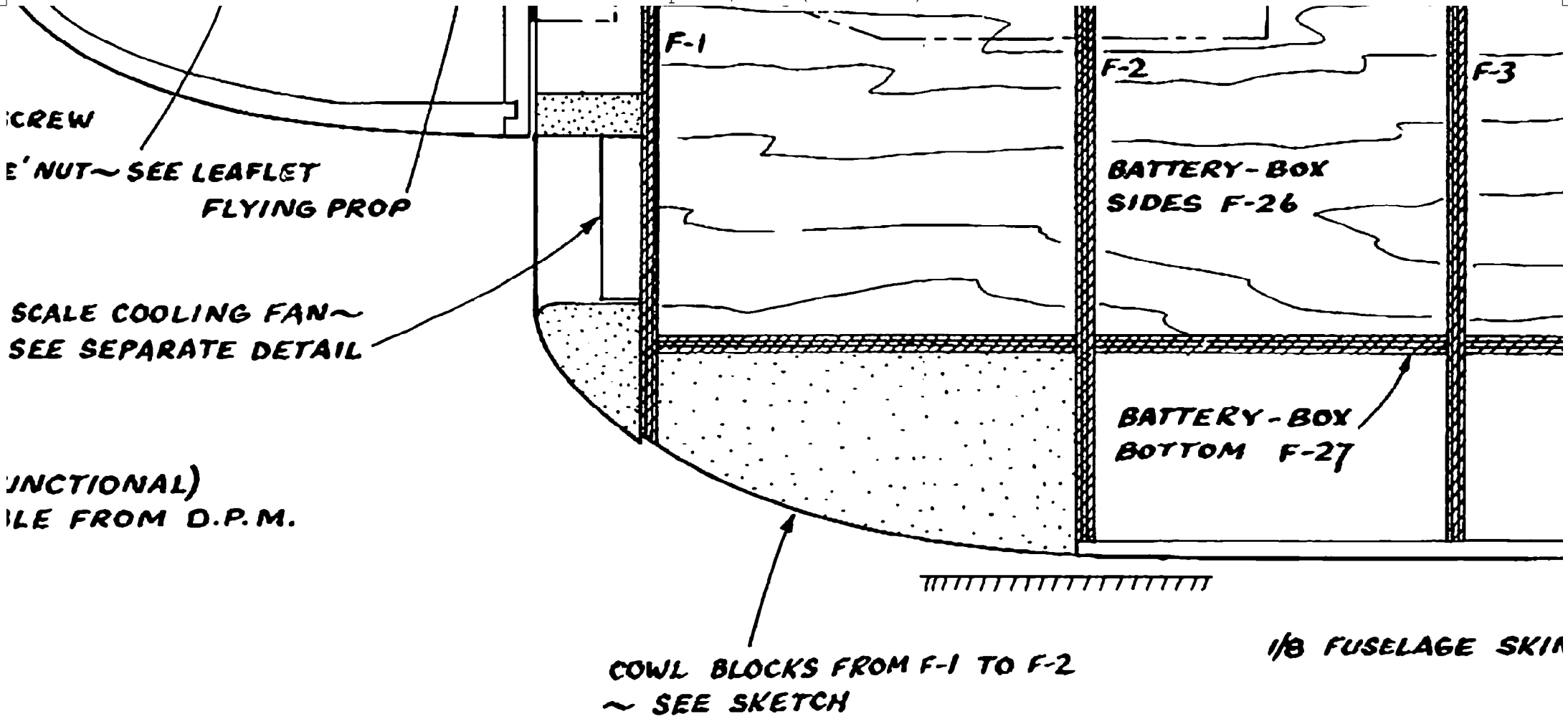
COOLING FAN

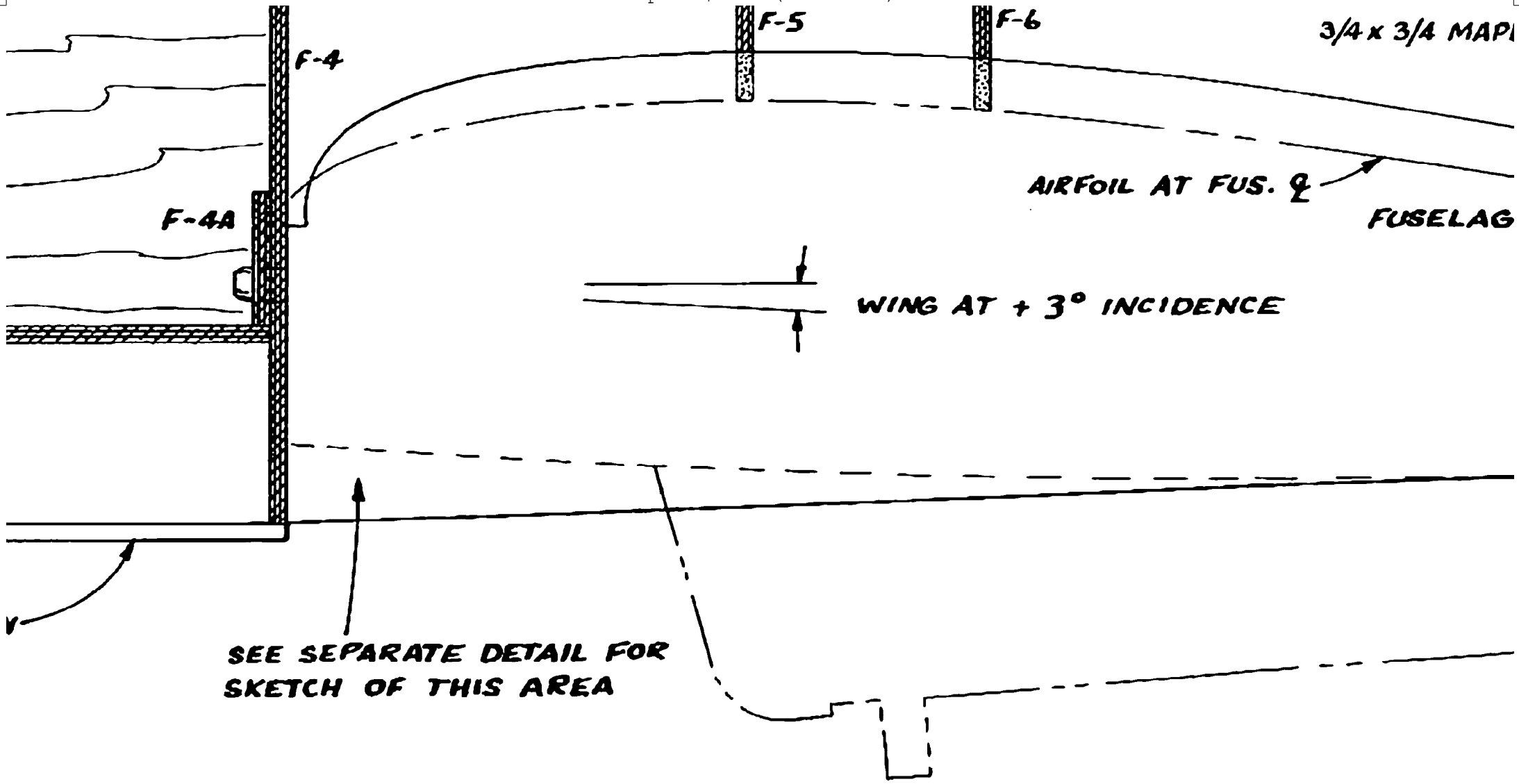
1/4-20 O.H. S

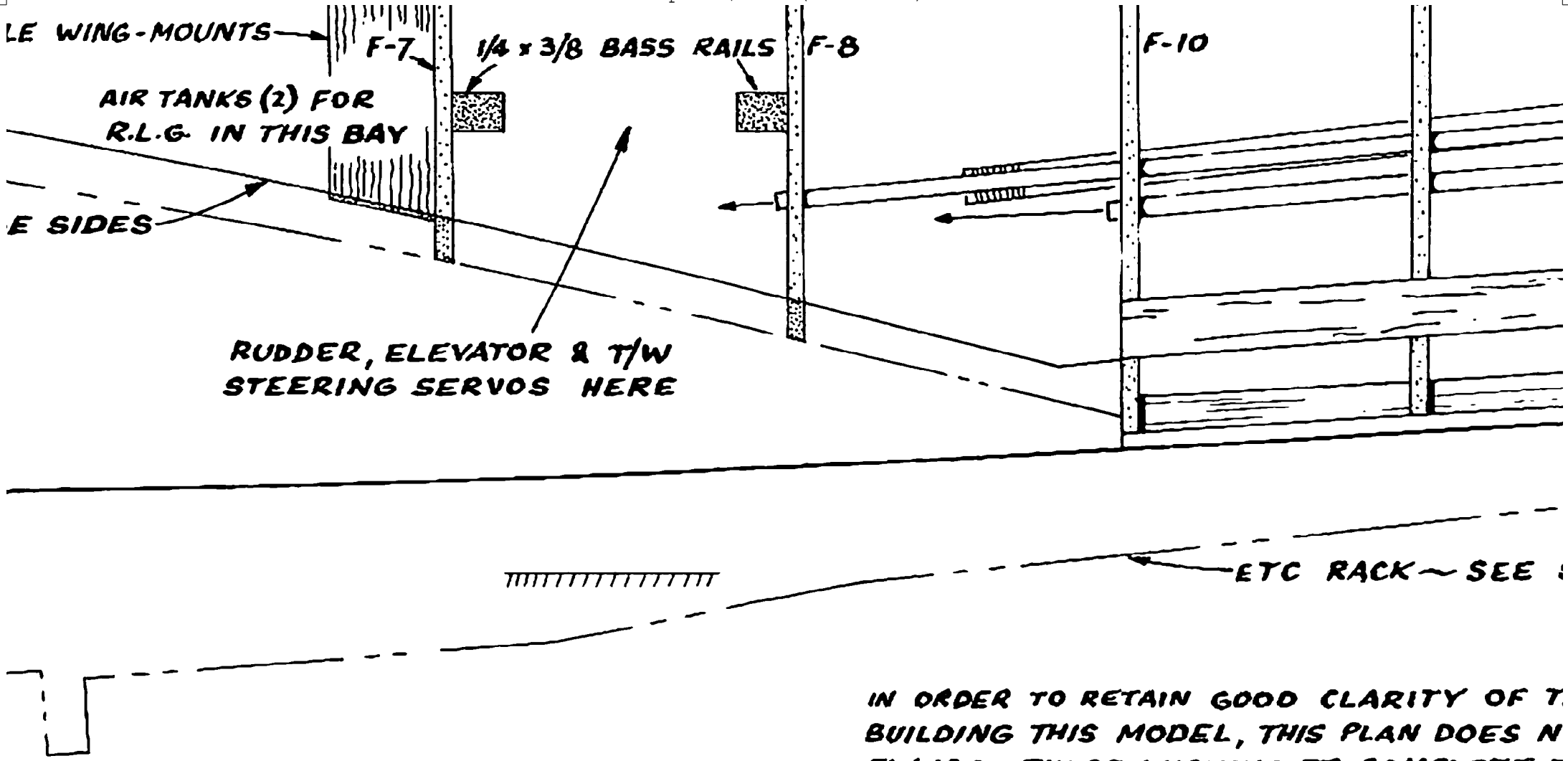
ROBINAIR

BALSA HUB PIECES SHOWN
THINNER TO CLARIFY
BLADE ATTACHMENT

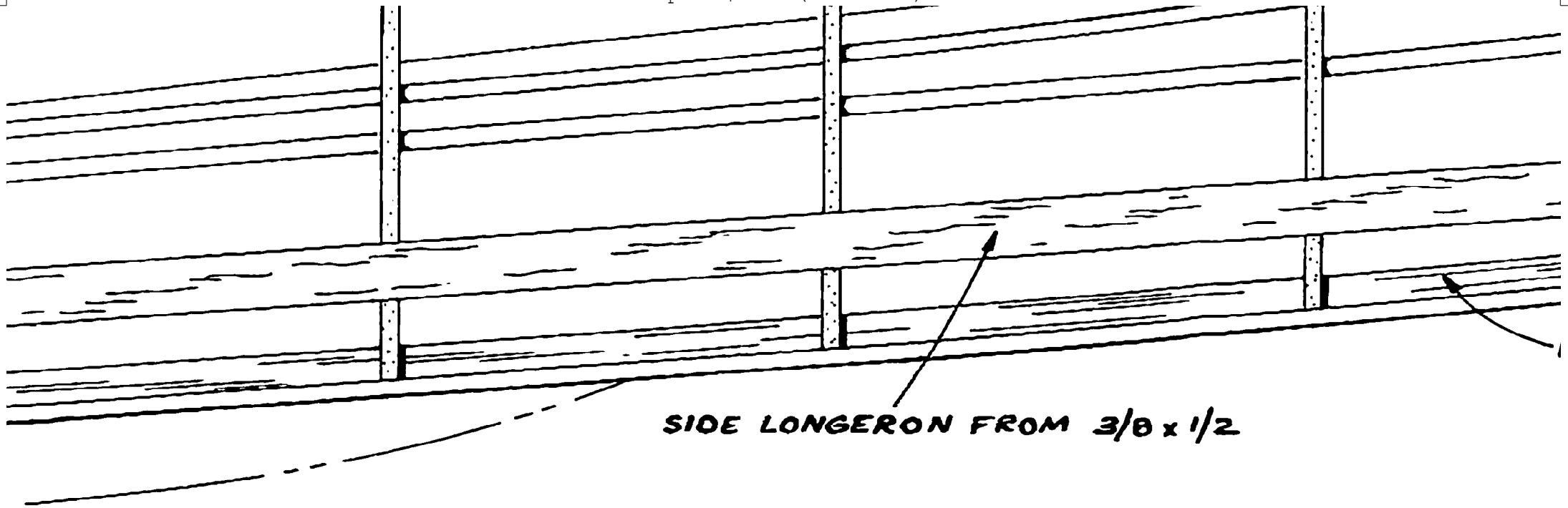
NOTE : A SCALE (NON-FU
PROP IS AVAILAB


F-1
F-2
F-3
CREW
E' NUT ~ SEE LEAFLET
FLYING PROP
BATTERY-BOX
SIDES F-26
SCALE COOLING FAN ~
SEE SEPARATE DETAIL
BATTERY-BOX
BOTTOM F-27
UNCTIONAL)
LE FROM D.P.M.
COWL BLOCKS FROM F-1 TO F-2
~ SEE SKETCH
1/8 FUSELAGE SKIN


F-5
F-6
3/4 x 3/4 MAPI
F-4
AIRFOIL AT FUS. ℄
FUSELAG
F-4A
WING AT + 3° INCIDENCE
SEE SEPARATE DETAIL FOR
SKETCH OF THIS AREA



IN ORDER TO RETAIN GOOD CLARITY OF T
BUILDING THIS MODEL, THIS PLAN DOES N
FW 190. THOSE WISHING TO COMPLETE T

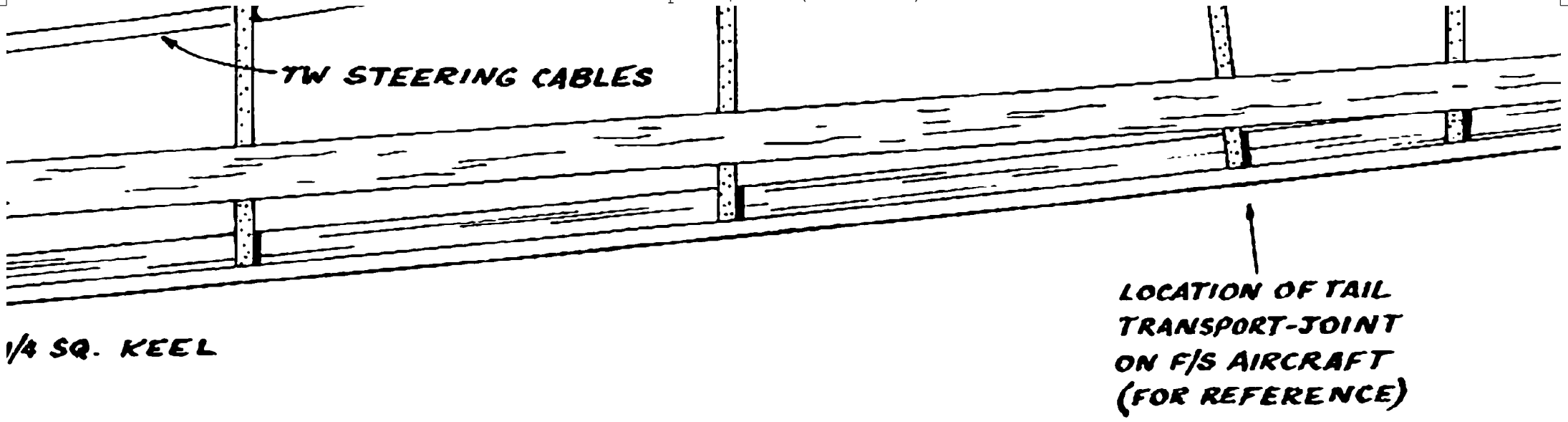


SEPARATE DETAIL

BENCH LINE WHILE BUILDING FUSELAGE

'HE BASIC AIRFRAME, AND TO REVEAL THE FUNDAMENTAL SIMPLICITY OF
OT ATTEMPT TO INCLUDE THE MANY SMALL EXTERIOR DETAILS ON THE
'HE MODEL TO A CONTEST LEVEL ARE RECOMMENDED TO THE 'BENTLEY'

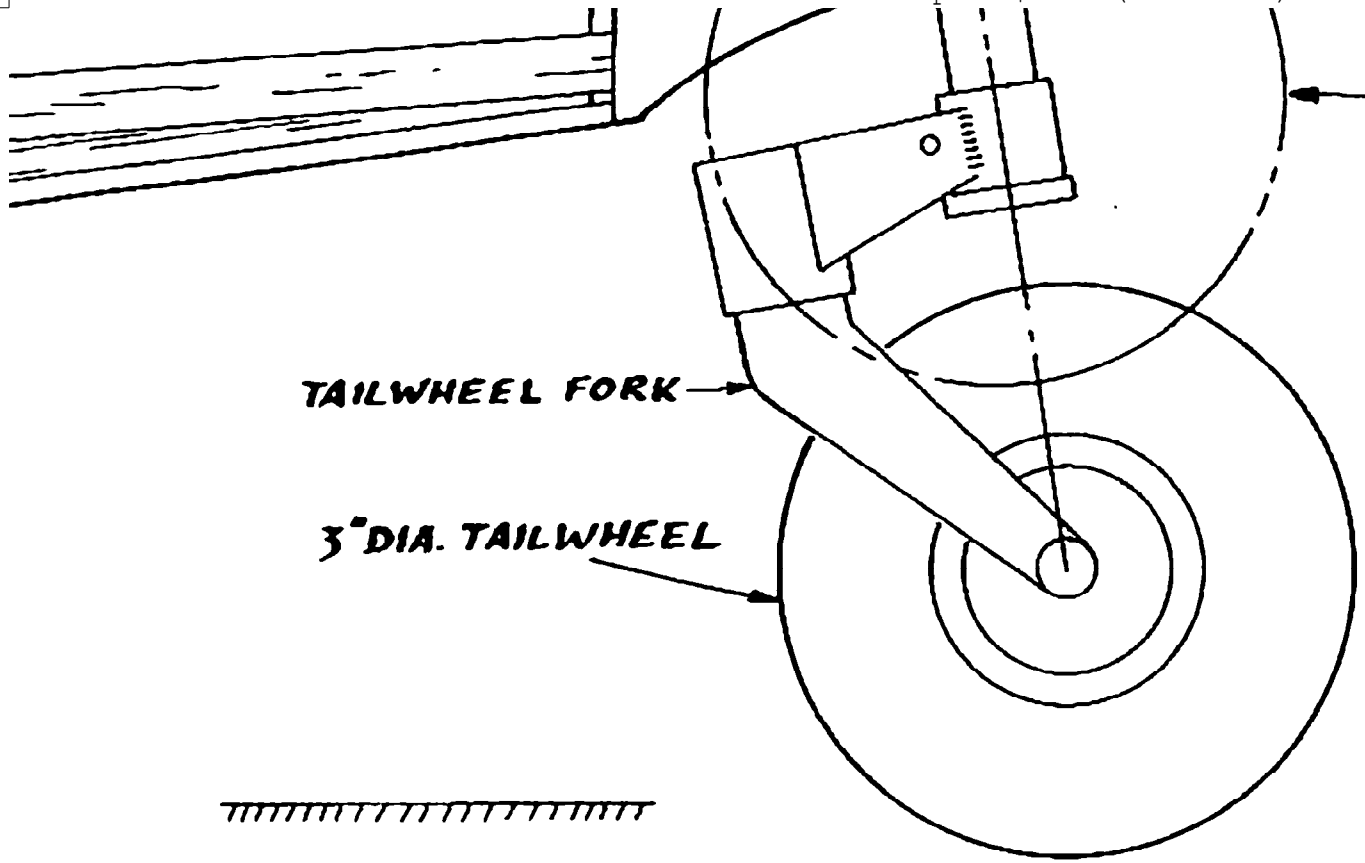
SCALE
AND T
PLASTI



/4 SQ. KEEL

: DRAWINGS (AVAILABLE FROM HOLMAN)
O A SAMPLING OF THE MANY BOOKS,
IC KITS ETC. DEALING WITH THE SUBJECT.

NOTE : ITEMS MARKED WITH STAR ★ ARE



POSITION OF TAILWHEEL
FULLY RETRACTED

NOTE ~ THERE IS A LOCAL 'SW
OPENING TO ALLOW R
MICRO-BALLOONS, THE
CONSULT PHOTOS, ET

INCLUDED IN KIT AND AVAILABLE SEPARATELY FROM D.P.M.

Focke-Wulf

designed by Dave

SCALE ~ 2.3" = 1' (1:

WING SPAN	79.25"
LENGTH	67.60"
AREA	1,042 □"
WEIGHT	17-20 LBS.

'ELLING' IN THE AREA OF THE WHEEL
:ETRACTION. BUILD UP OUTSIDE WITH
:N HOLLOW OUT INSIDE AS NECESSARY.
:C.

SHEET OF 2

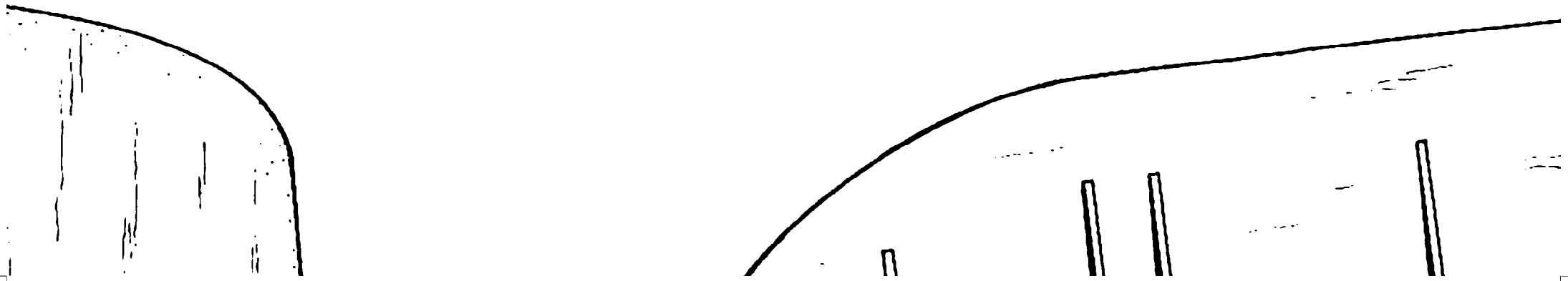
F FW-190 A-8

: Platt

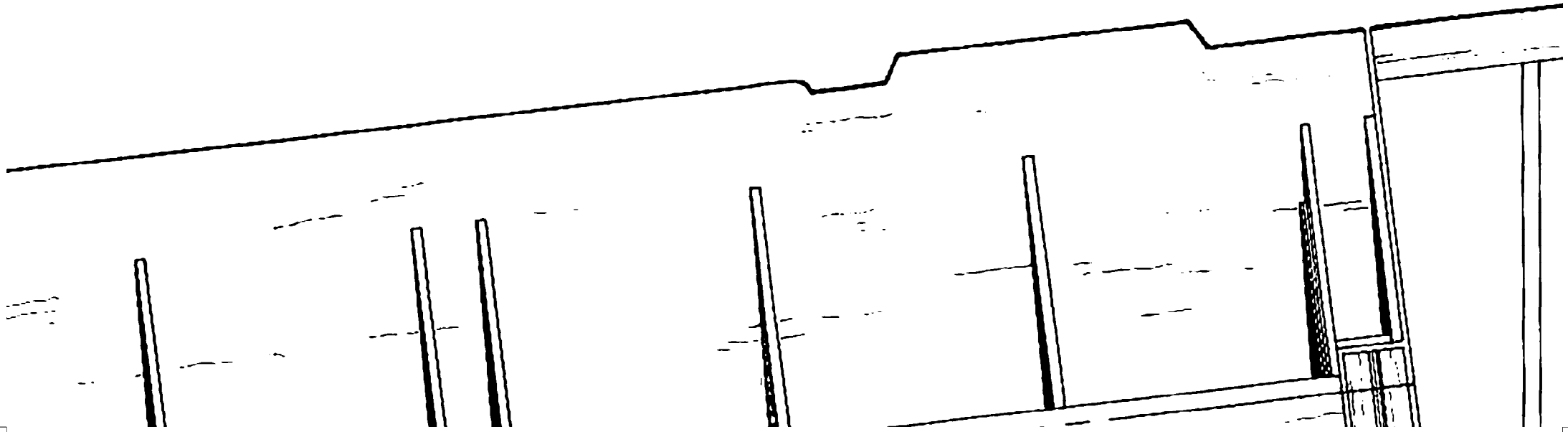
5.2)

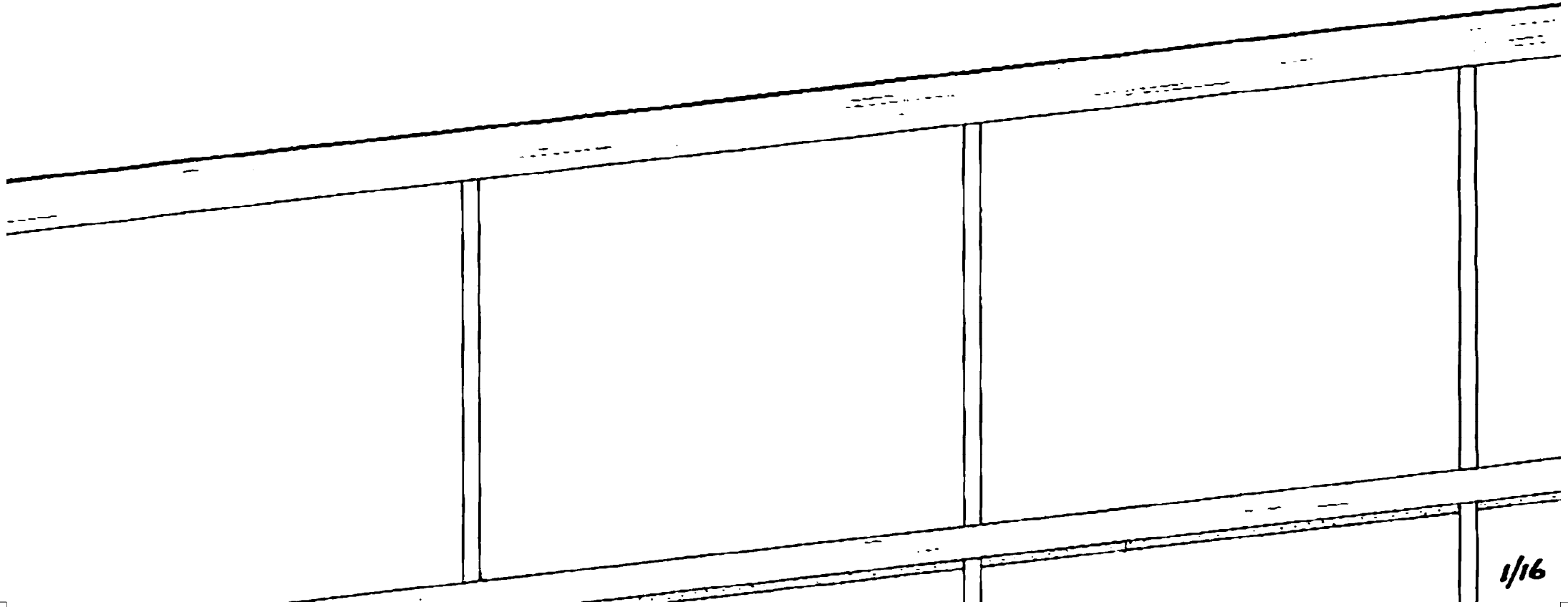
REAR

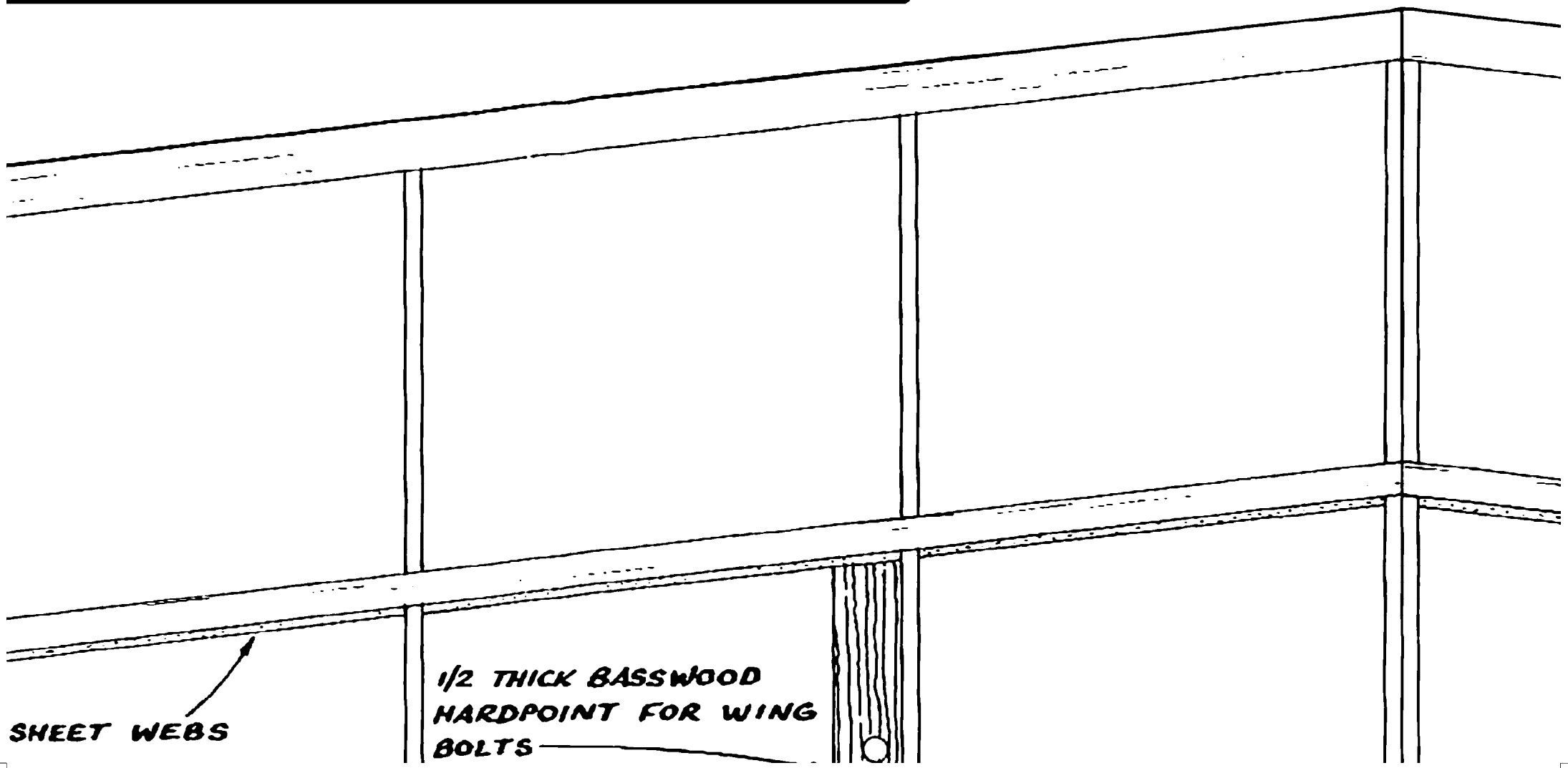
AILERONS ARE SHOWN WITH

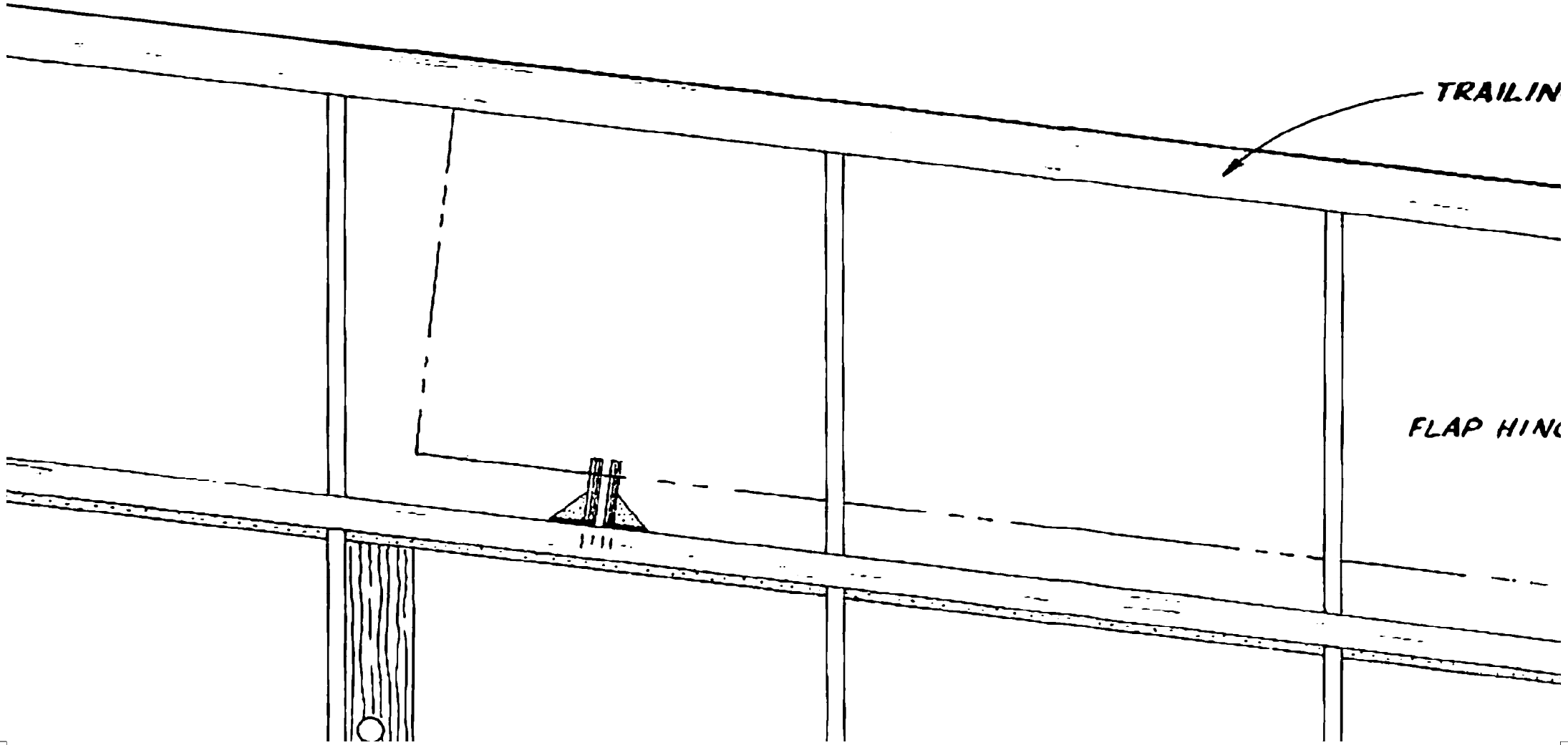


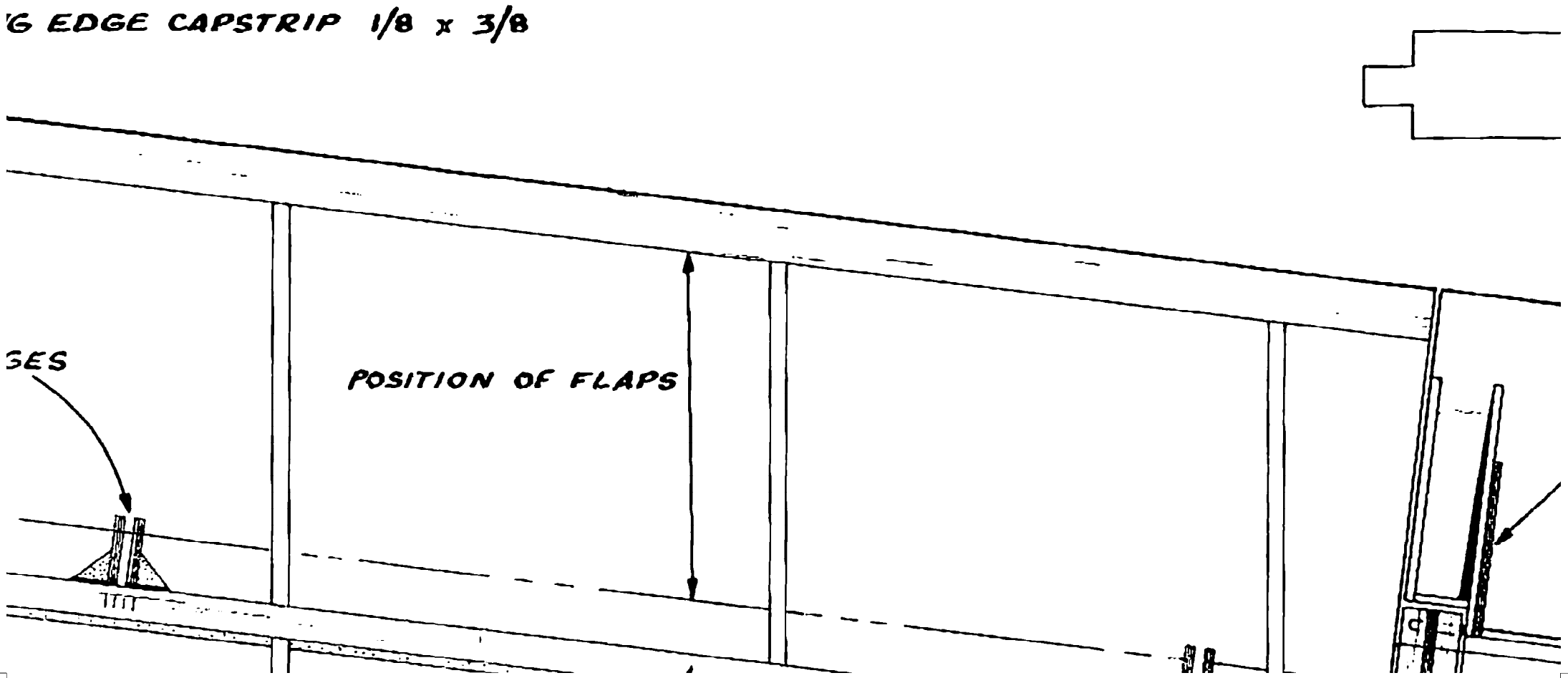
UPPER SKIN REMOVED TO SHOW INTERNAL STRUCTURE

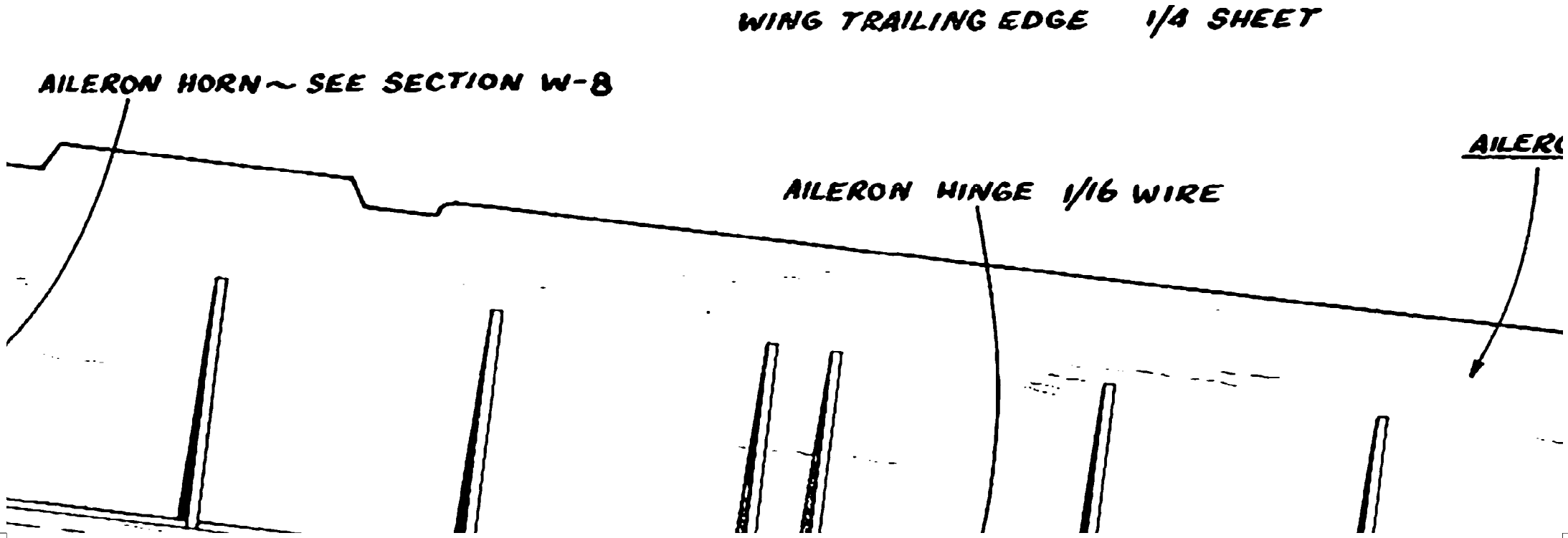


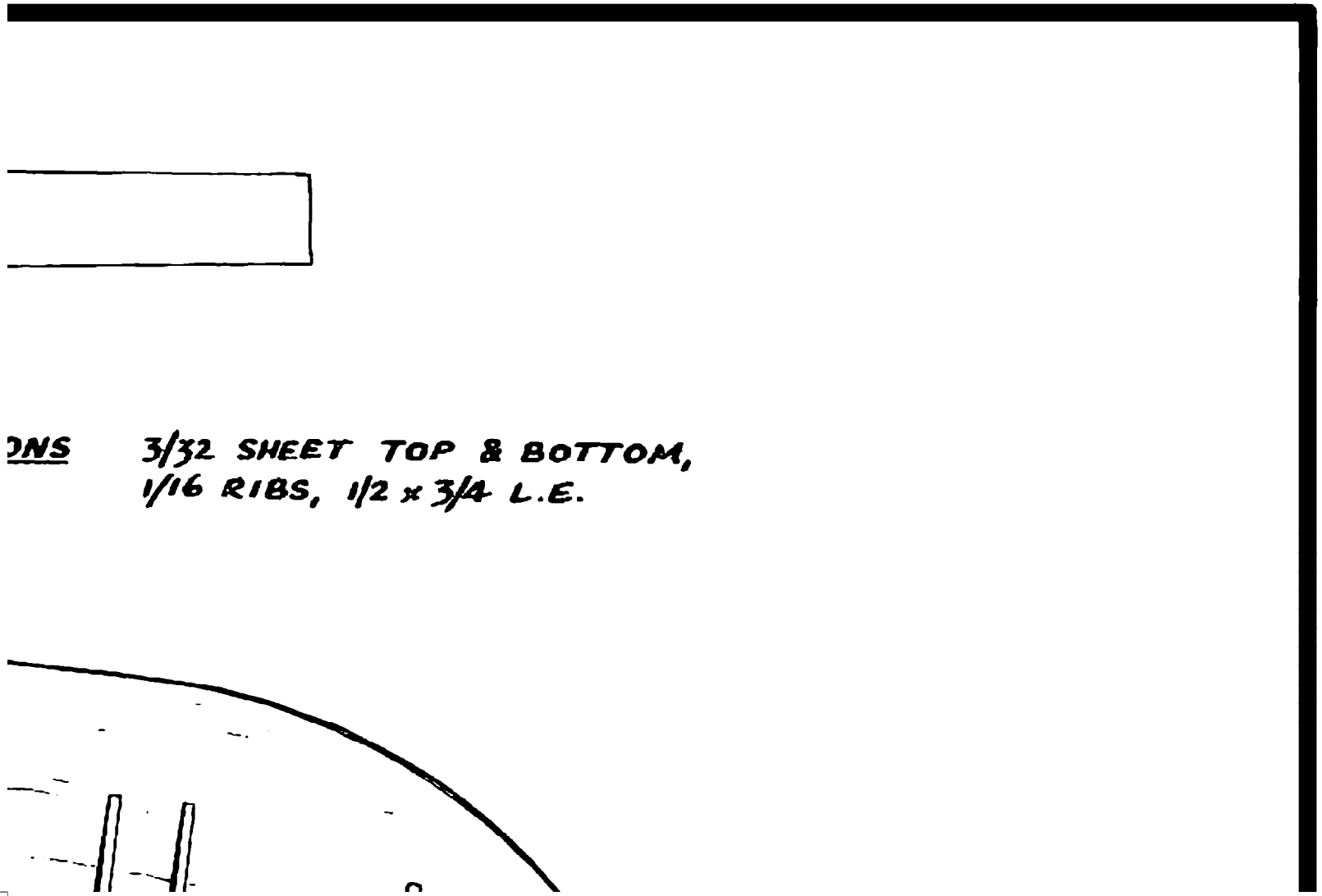

1/16

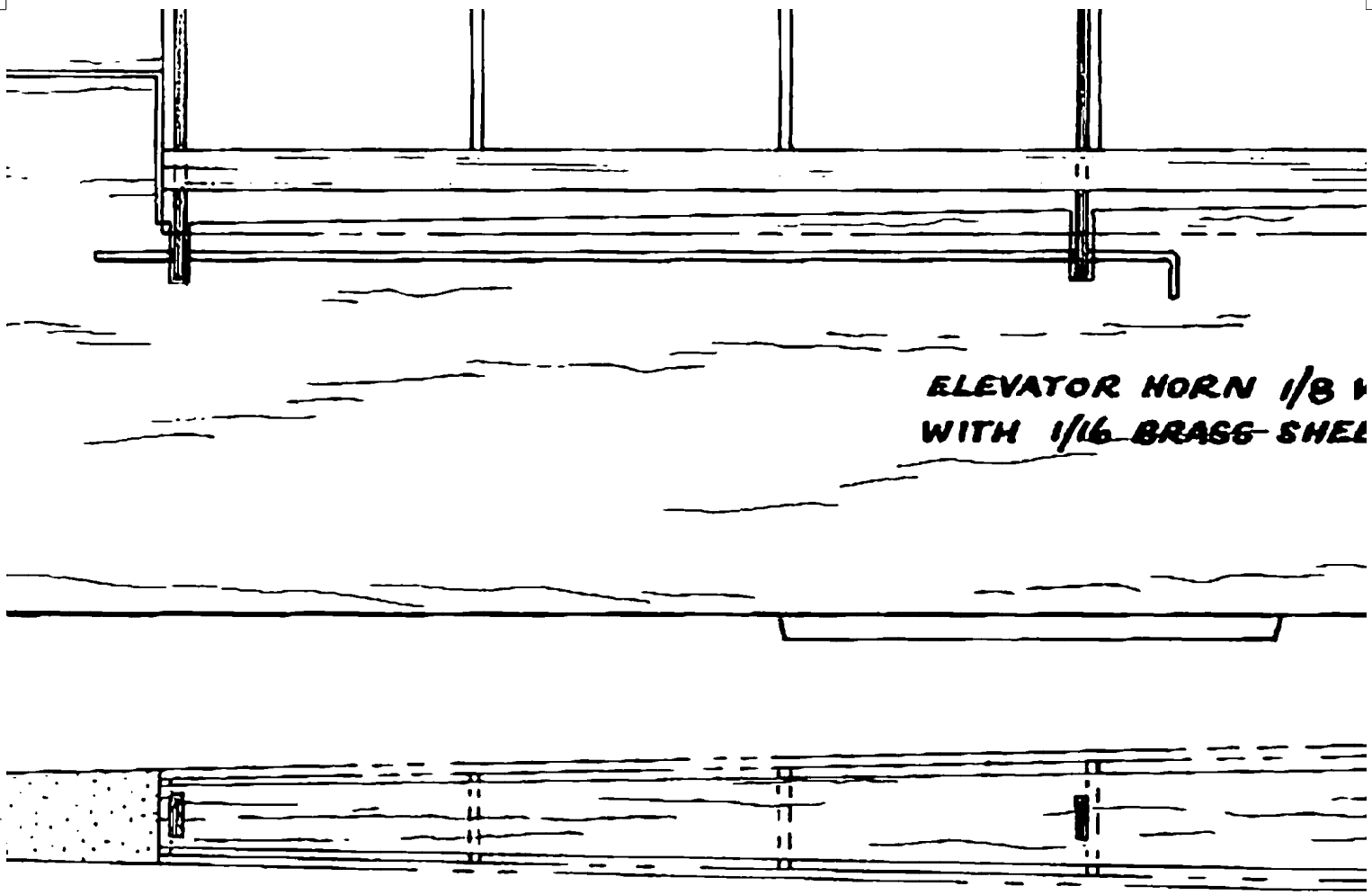

SHEET WEBS
1/2 THICK BASSWOOD
HARDPOINT FOR WING
BOLTS


TRAILIN
FLAP HIN

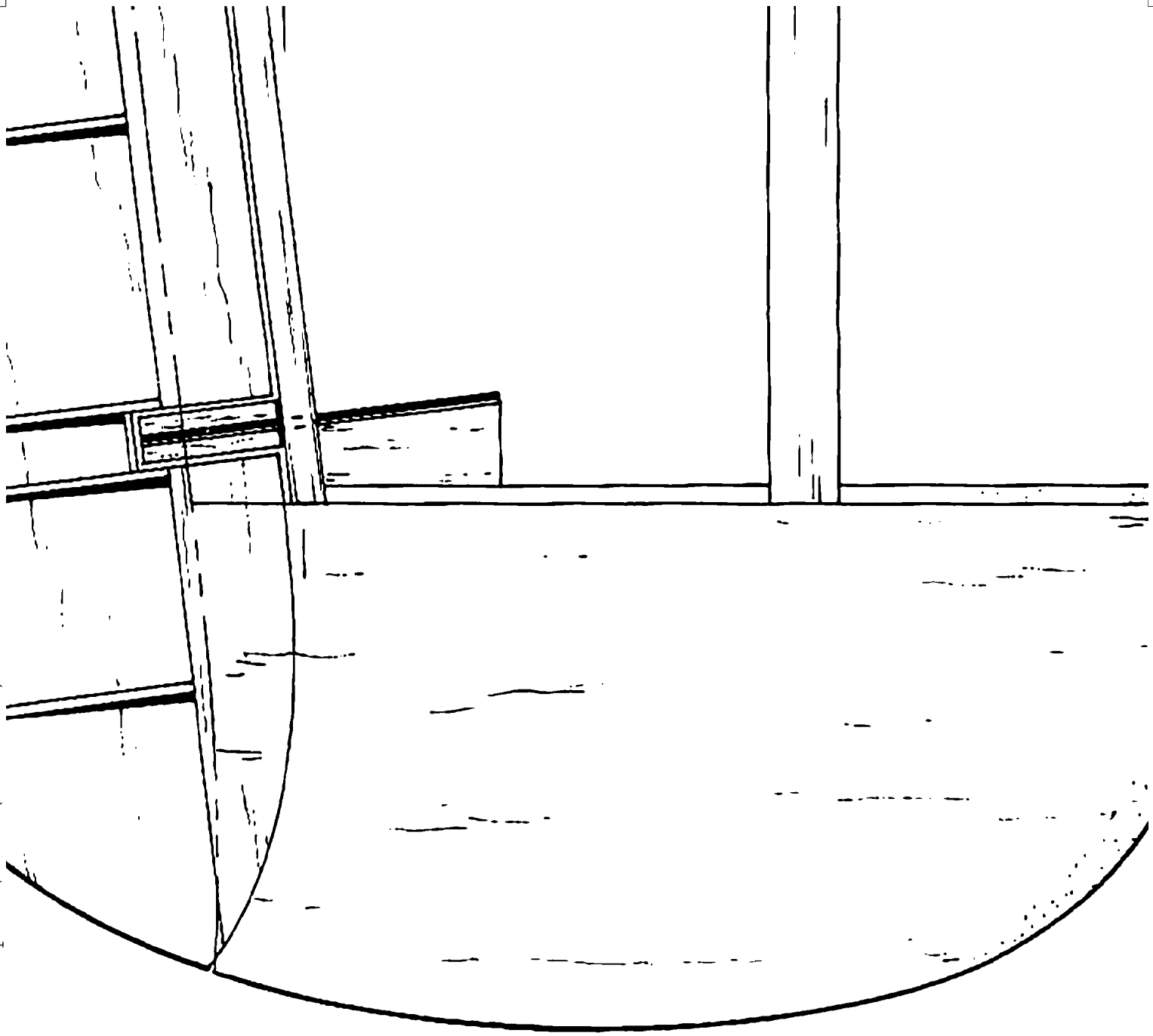

'G EDGE CAPSTRIP 1/8 x 3/8
GES
POSITION OF FLAPS

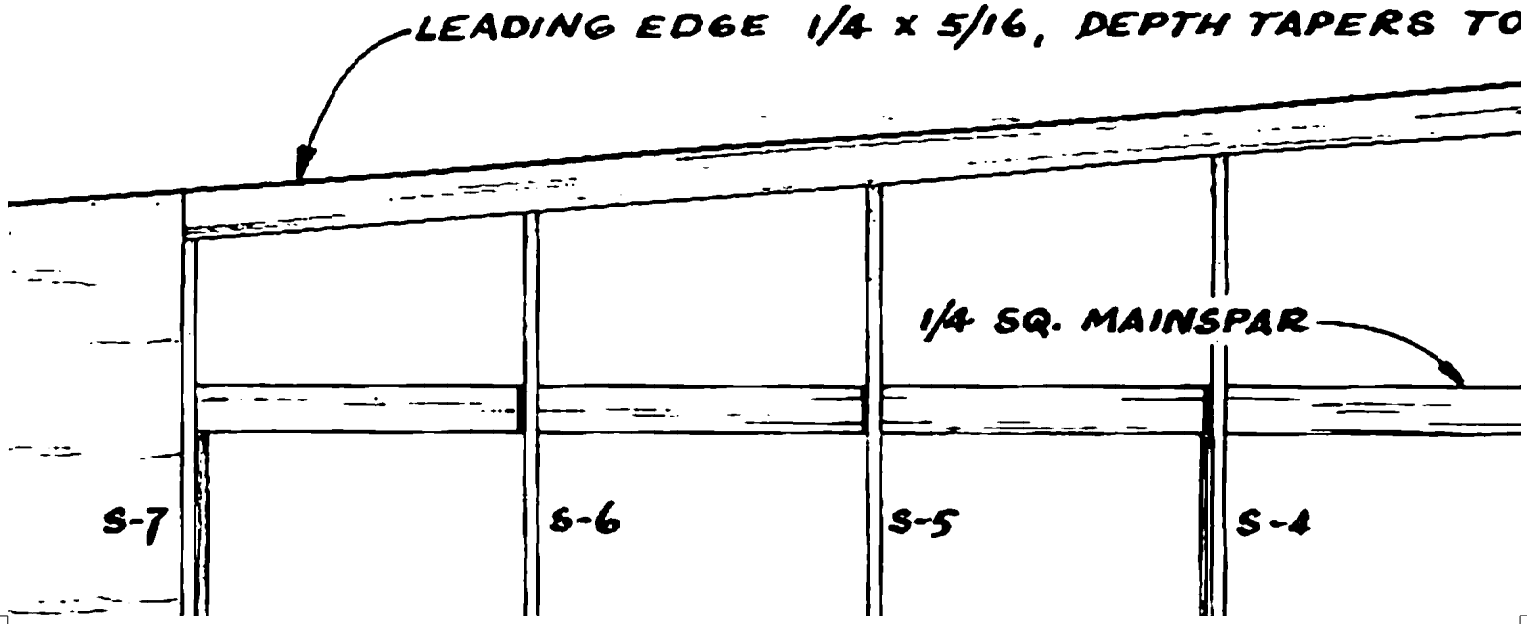

WING TRAILING EDGE 1/4 SHEET
AILERON HORN ~ SEE SECTION W-8
AILERON HINGE 1/16 WIRE
AILERO

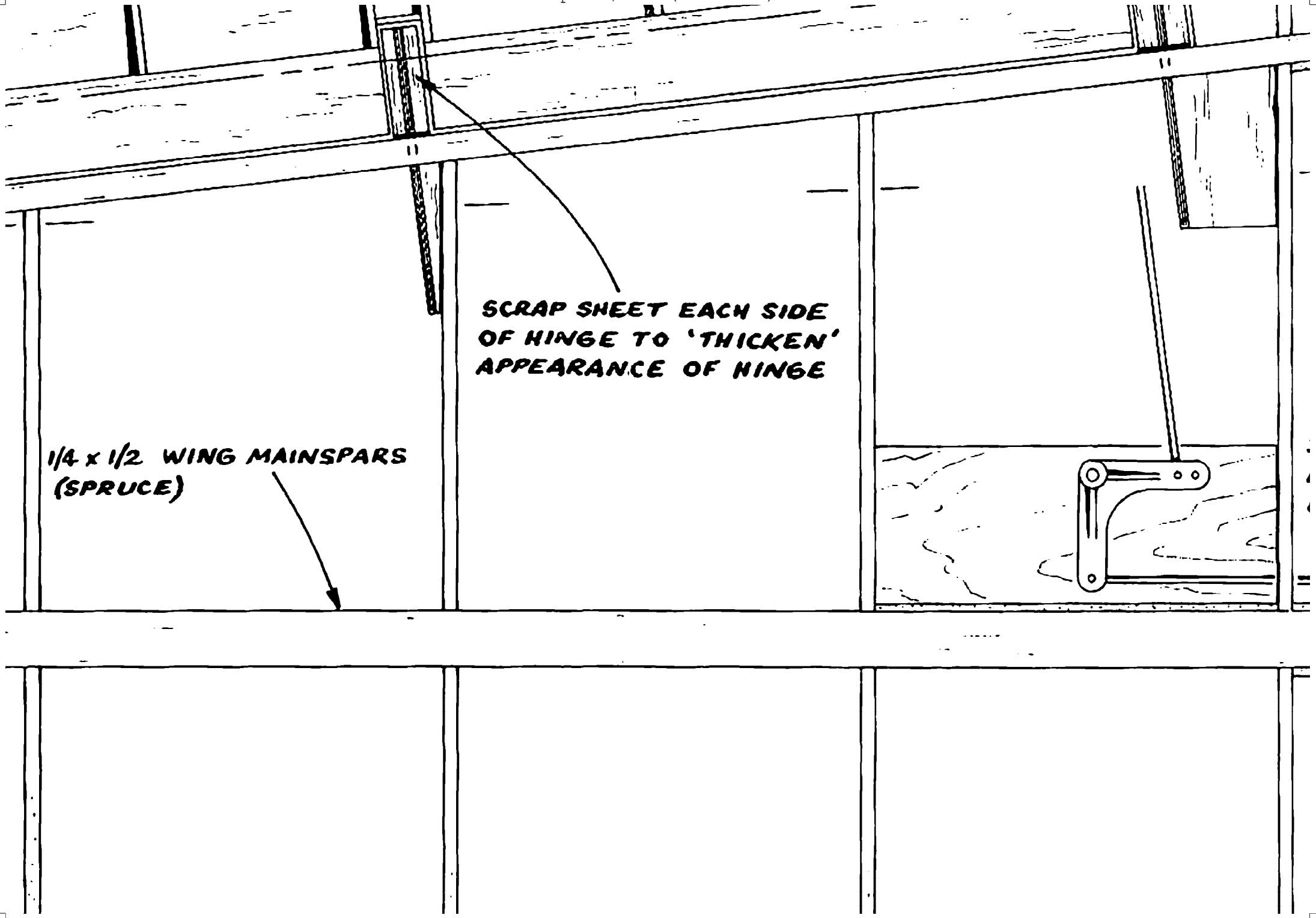

ONS
3/32 SHEET TOP & BOTTOM,
1/16 RIBS, 1/2 x 3/4 L.E.

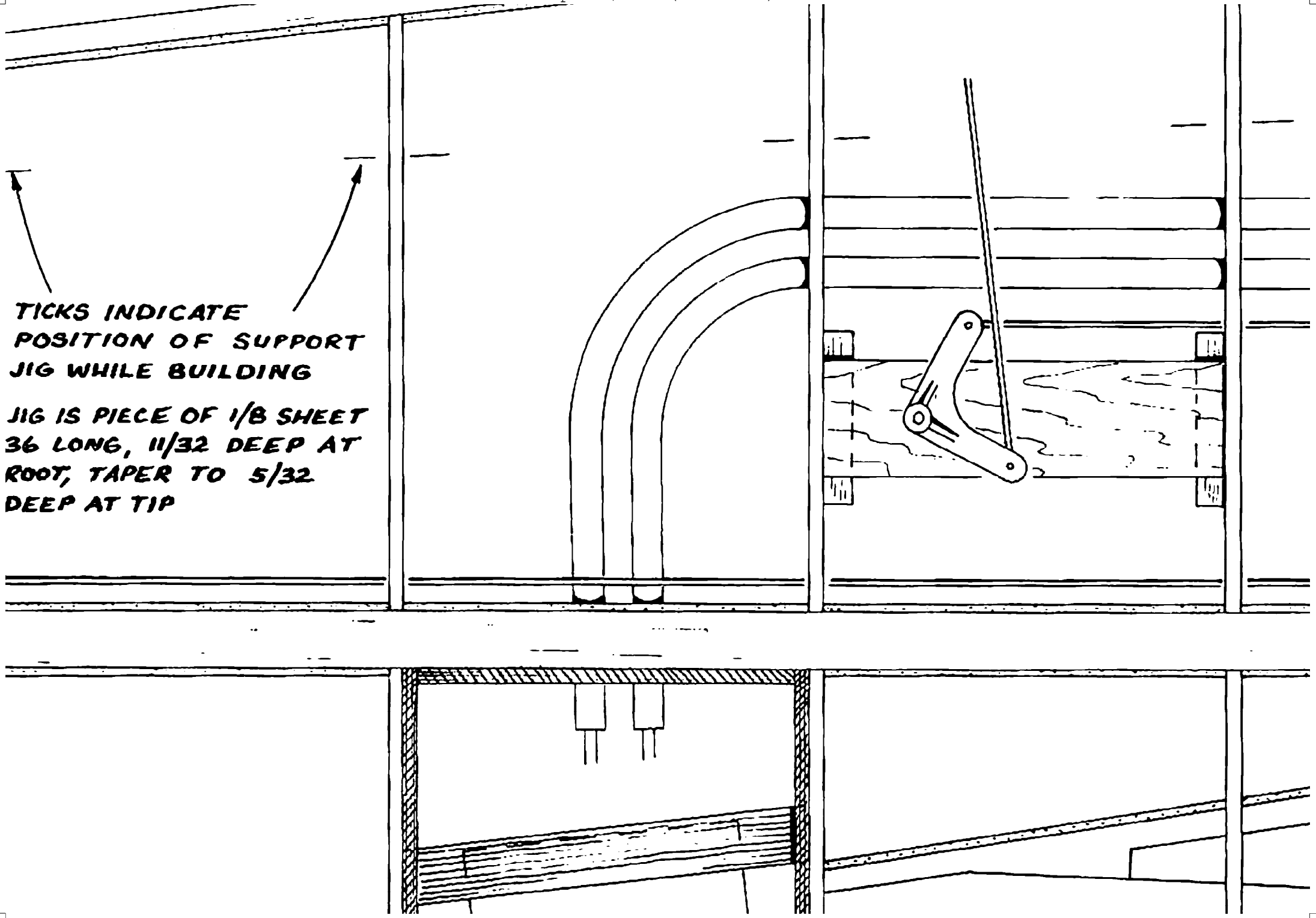


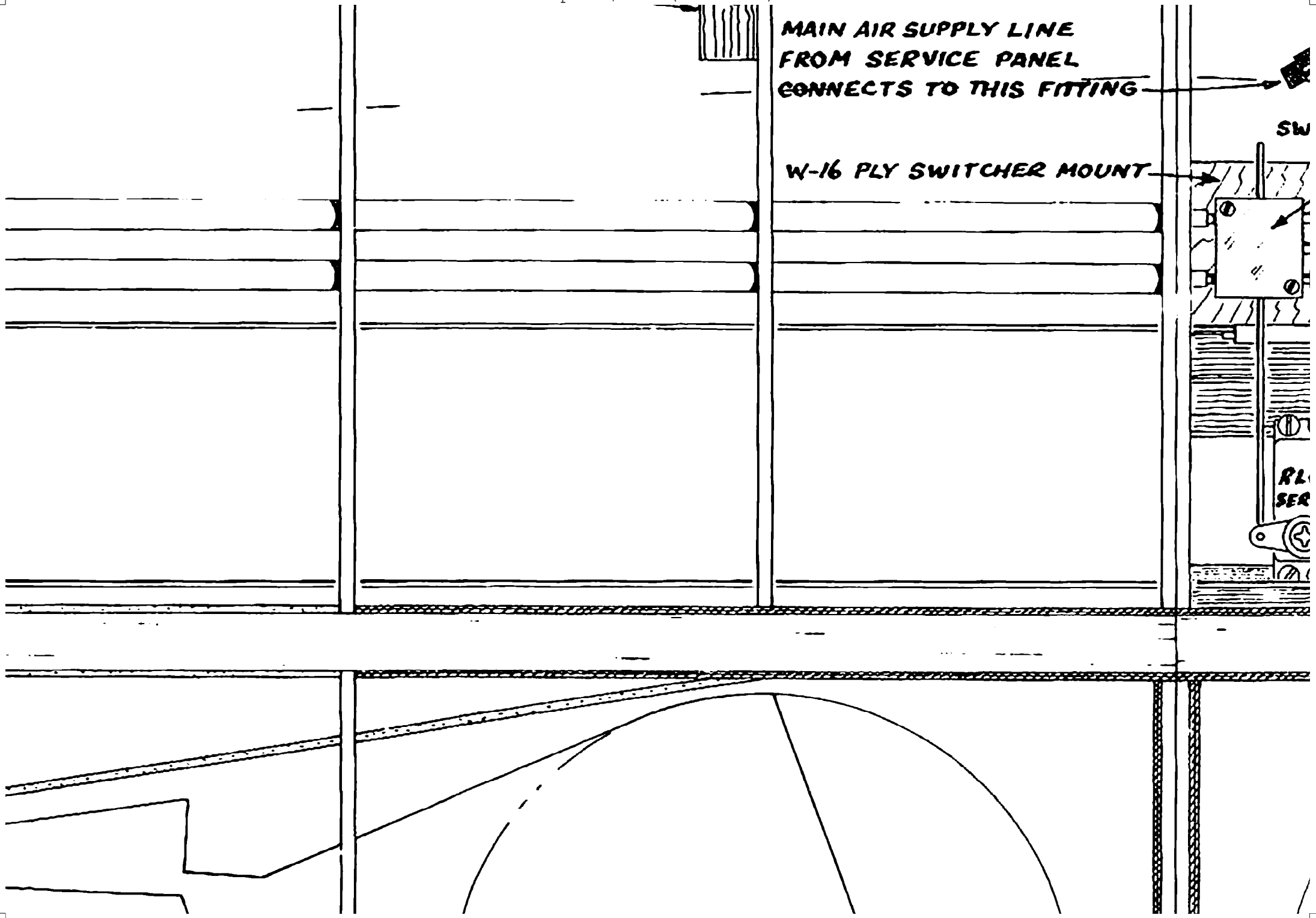
VIEW OF STABILIZER WITHOUT ELEVATORS

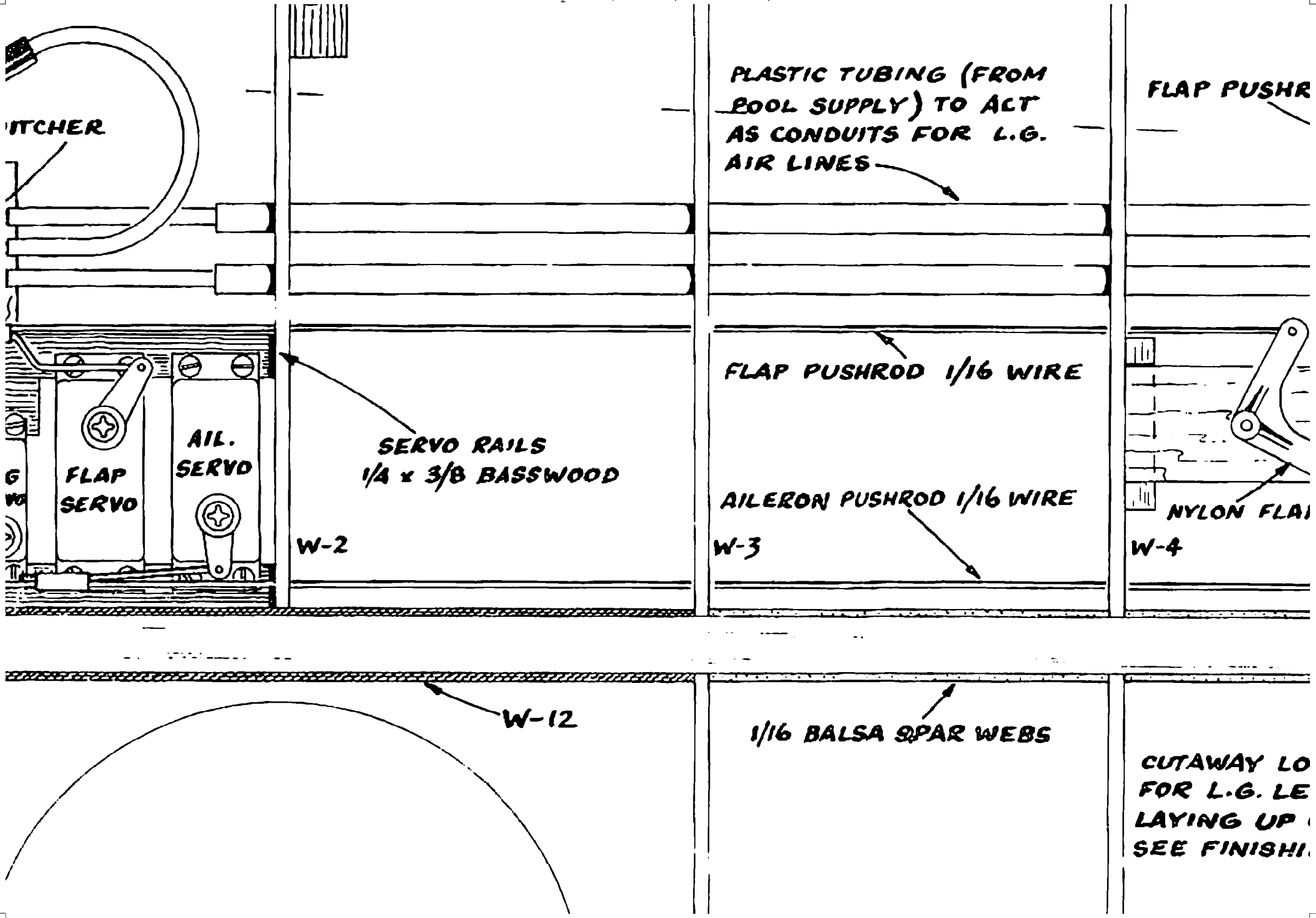


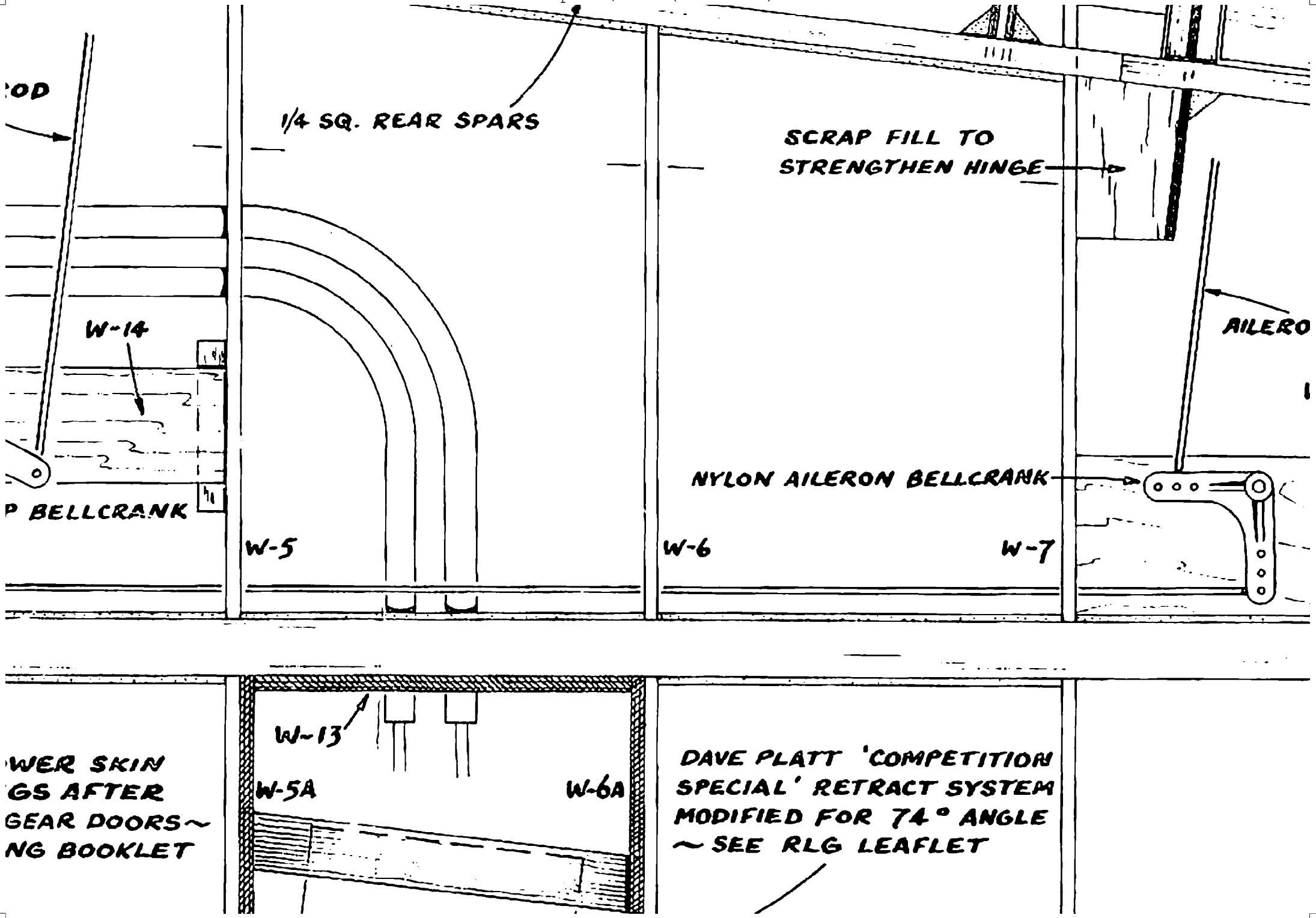

LEADING EDGE 1/4 x 5/16, DEPTH TAPERS TO
1/4 SQ. MAINSPAR
S-7
S-6
S-5
S-4

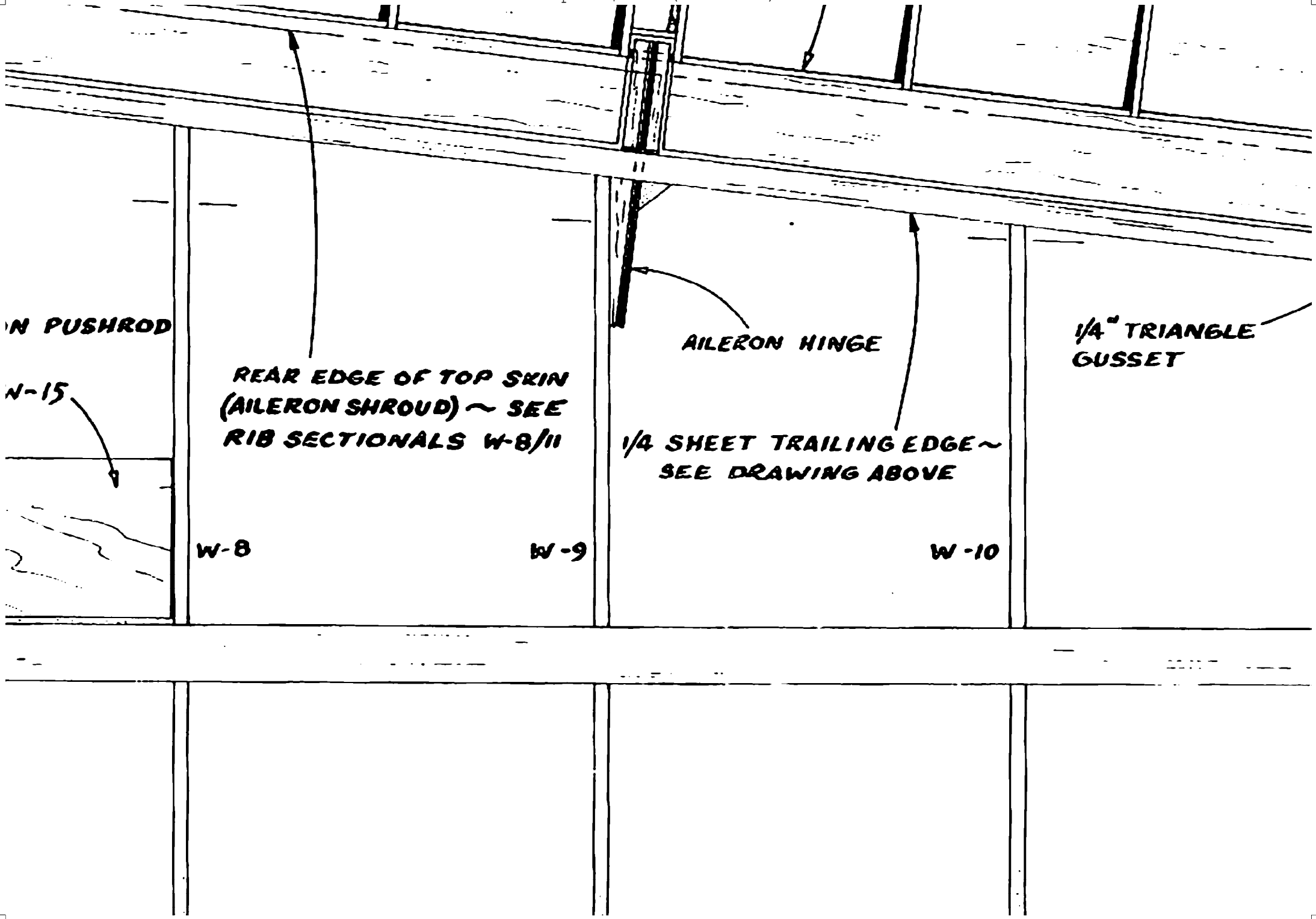

SCRAP SHEET EACH SIDE
OF HINGE TO 'THICKEN'
APPEARANCE OF HINGE
1/4 x 1/2 WING MAINSPARS
(SPRUCE)

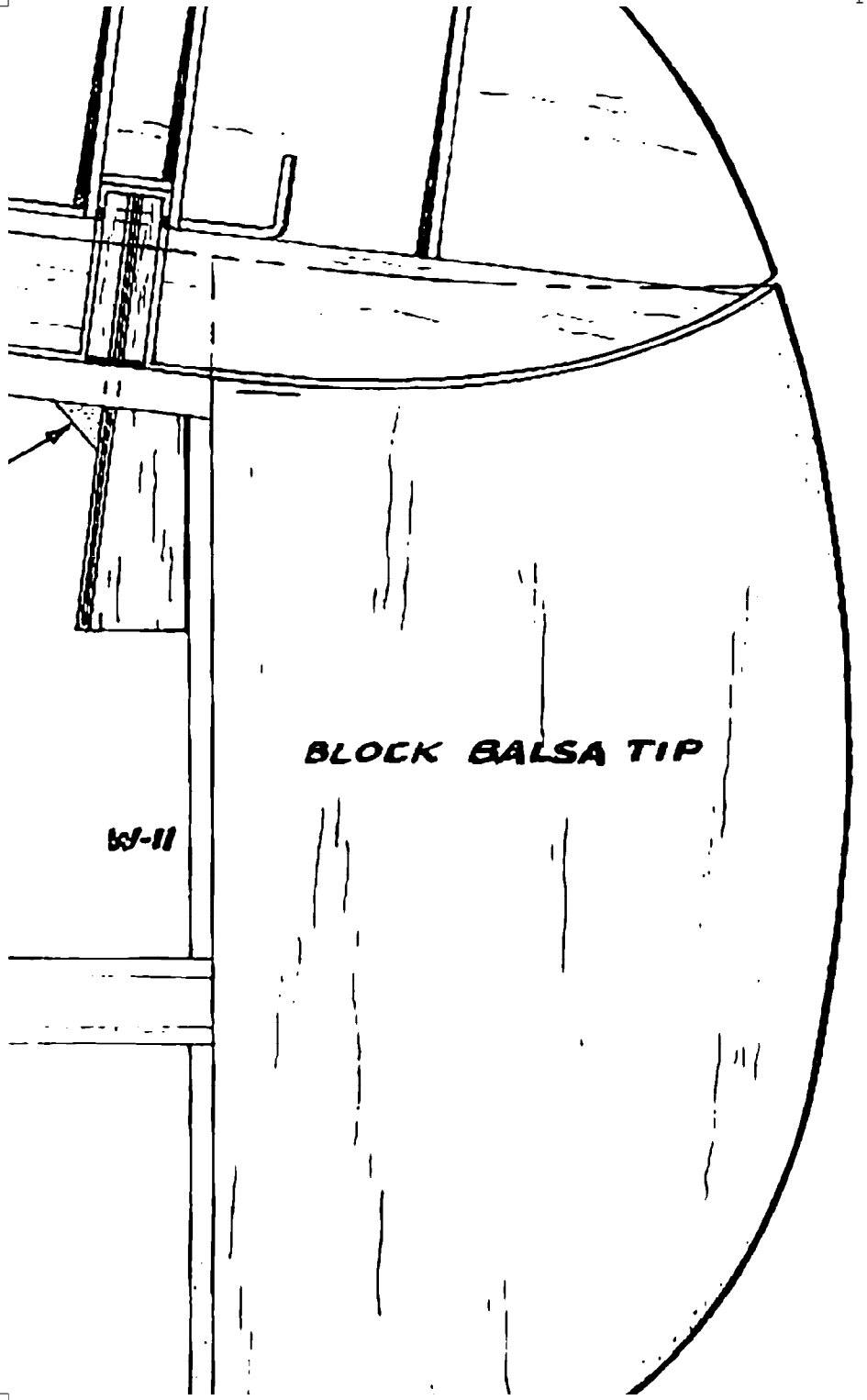

TICKS INDICATE
POSITION OF SUPPORT
JIG WHILE BUILDING
JIG IS PIECE OF 1/8 SHEET
36 LONG, 11/32 DEEP AT
ROOT, TAPER TO 5/32
DEEP AT TIP

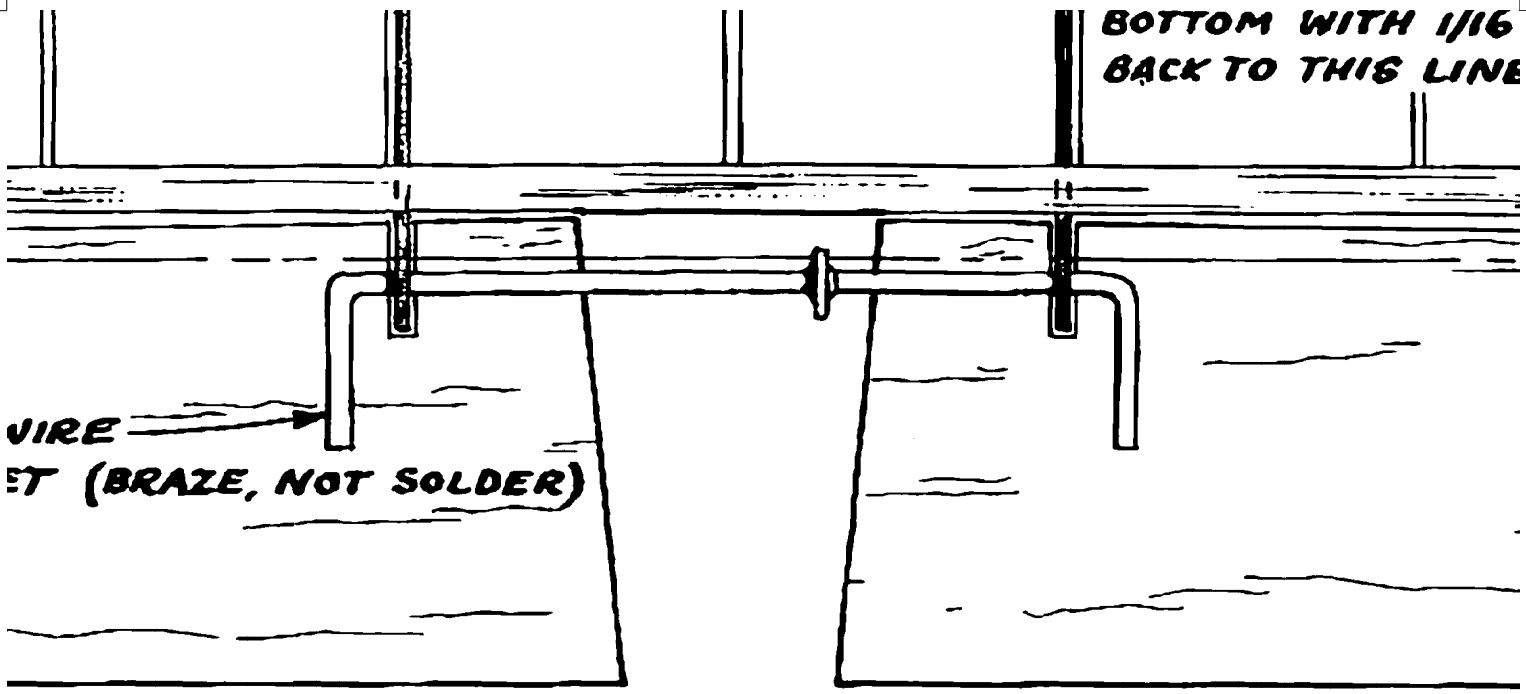

MAIN AIR SUPPLY LINE
FROM SERVICE PANEL
CONNECTS TO THIS FITTING
W-16 PLY SWITCHER MOUNT

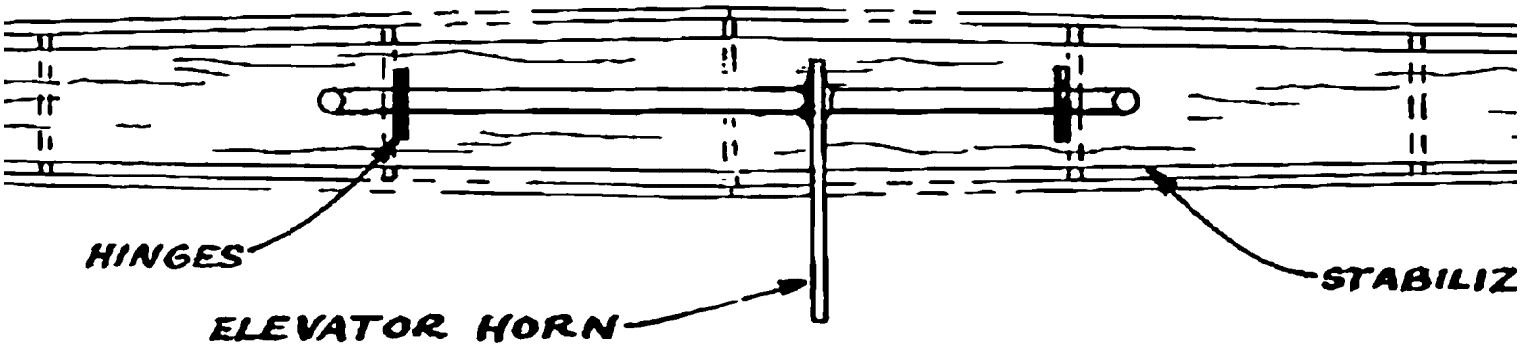

ITCHER
PLASTIC TUBING (FROM POOL SUPPLY) TO ACT AS CONDUITS FOR L.G. AIR LINES
FLAP PUSHR
FLAP SERVO
AIL. SERVO
SERVO RAILS 1/4 x 3/8 BASSWOOD
W-2
FLAP PUSHROD 1/16 WIRE
AILERON PUSHROD 1/16 WIRE
W-3
NYLON FLA
W-4
W-12
1/16 BALSA SPAR WEBS
CUTAWAY LO
FOR L.G. LE
LAYING UP
SEE FINISHI

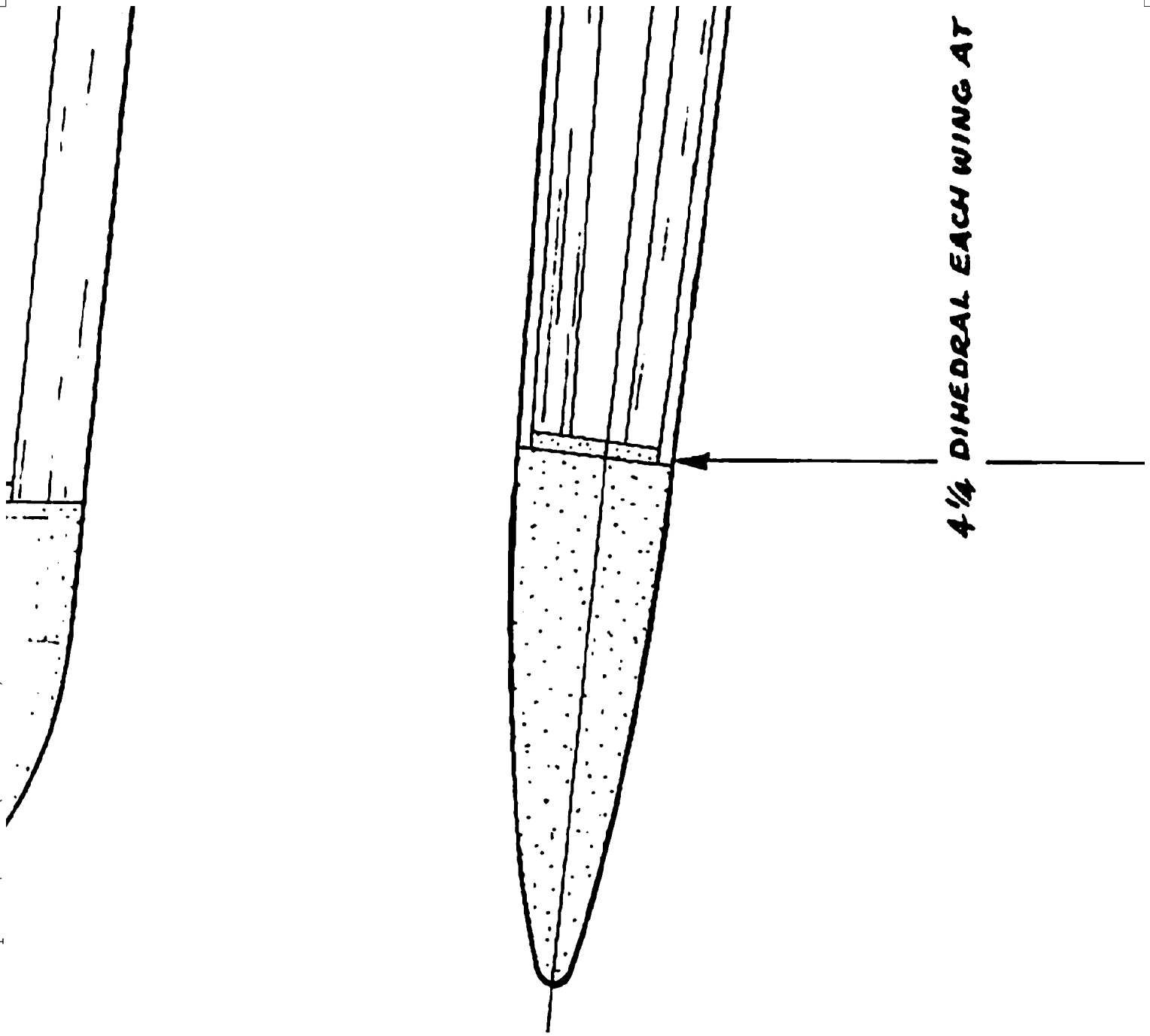

1/4 SQ. REAR SPARS
SCRAP FILL TO
STRENGTHEN HINGE
W-14
AILERO
P BELLCRANK
NYLON AILERON BELLCRANK
W-5
W-6
W-7
W-13
WER SKIN
GS AFTER
GEAR DOORS~
NG BOOKLET
W-5A
W-6A
DAVE PLATT 'COMPETITION
SPECIAL' RETRACT SYSTEM
MODIFIED FOR 74° ANGLE
~ SEE RLG LEAFLET

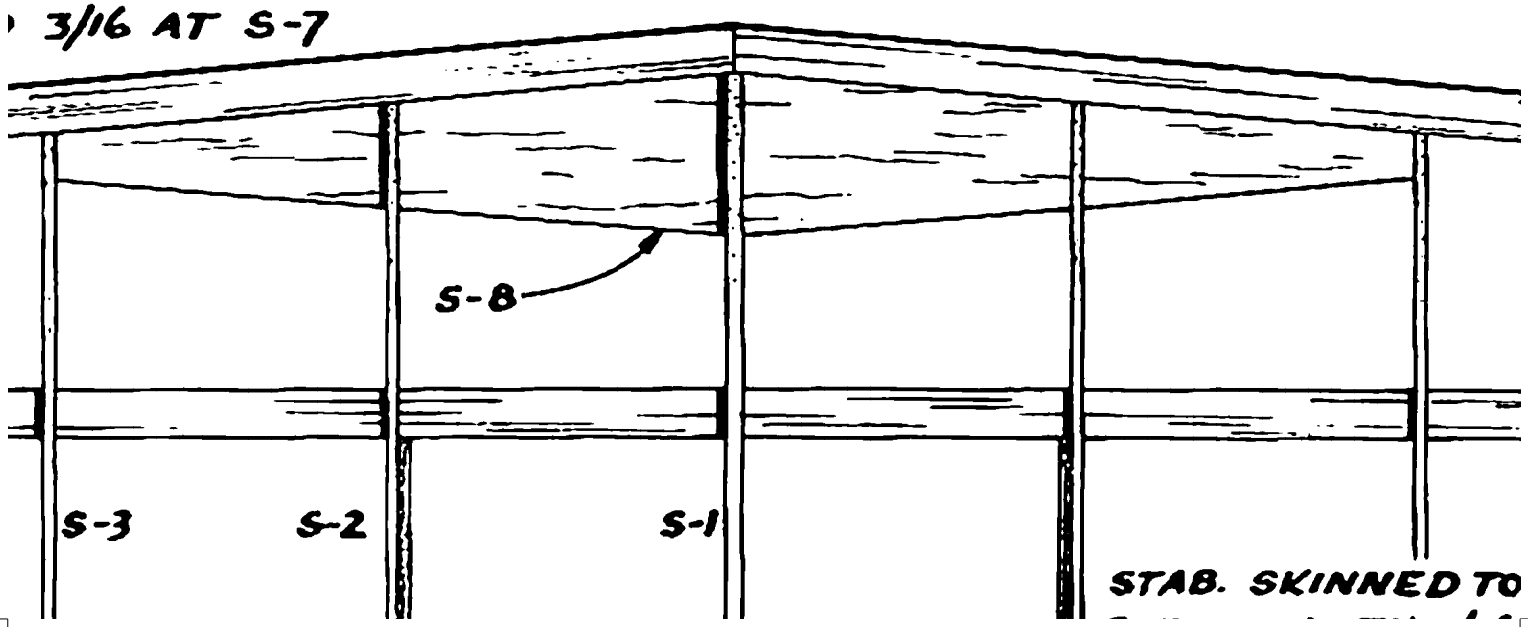

N PUSHROD
N-15
REAR EDGE OF TOP SKIN
(AILERON SHROUD) ~ SEE
RIB SECTIONALS W-8/11
AILERON HINGE
1/4 SHEET TRAILING EDGE ~
SEE DRAWING ABOVE
1/4" TRIANGLE
GUSSET
W-8
W-9
W-10

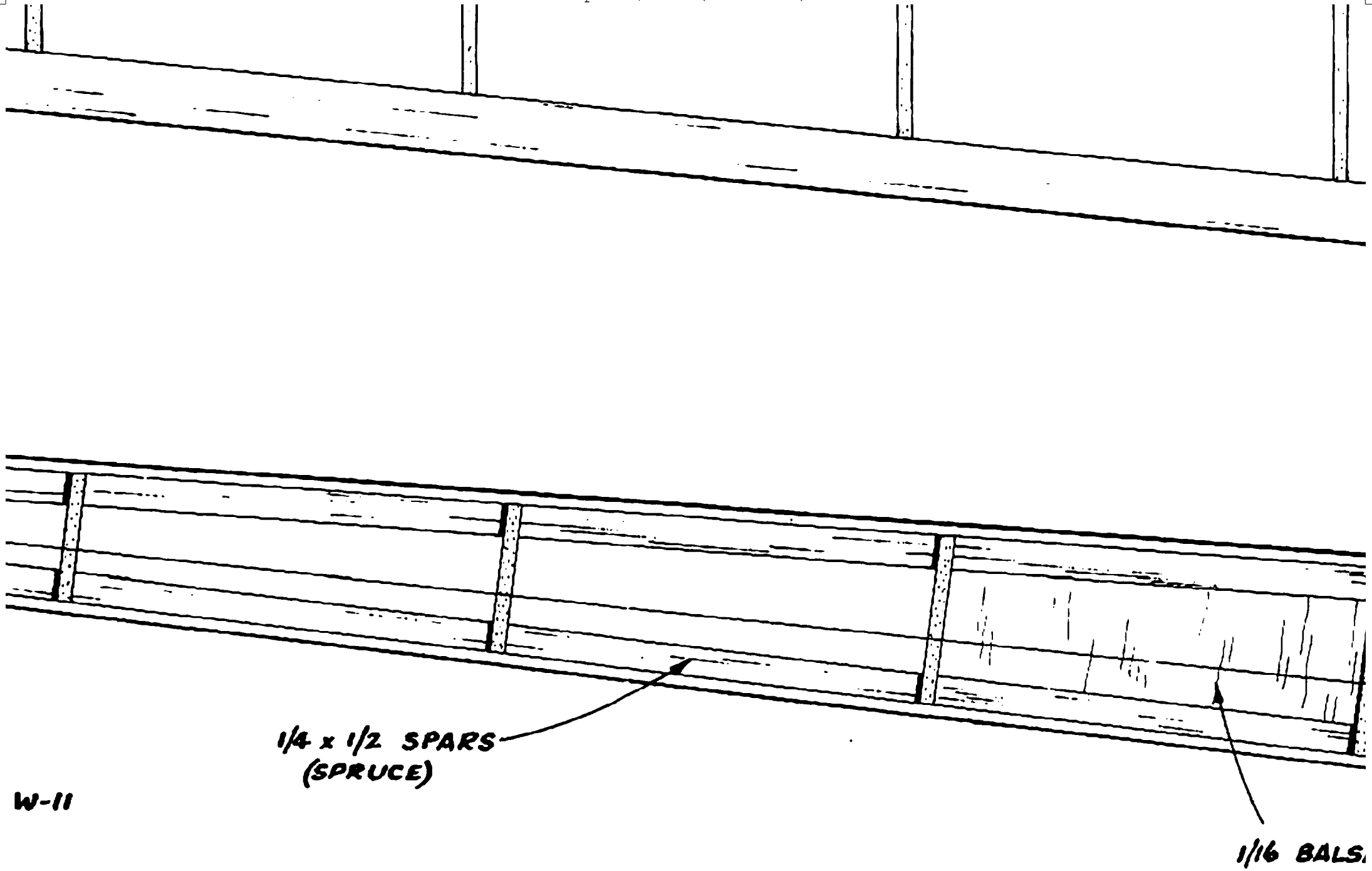

BLOCK BALSA TIP
W-11

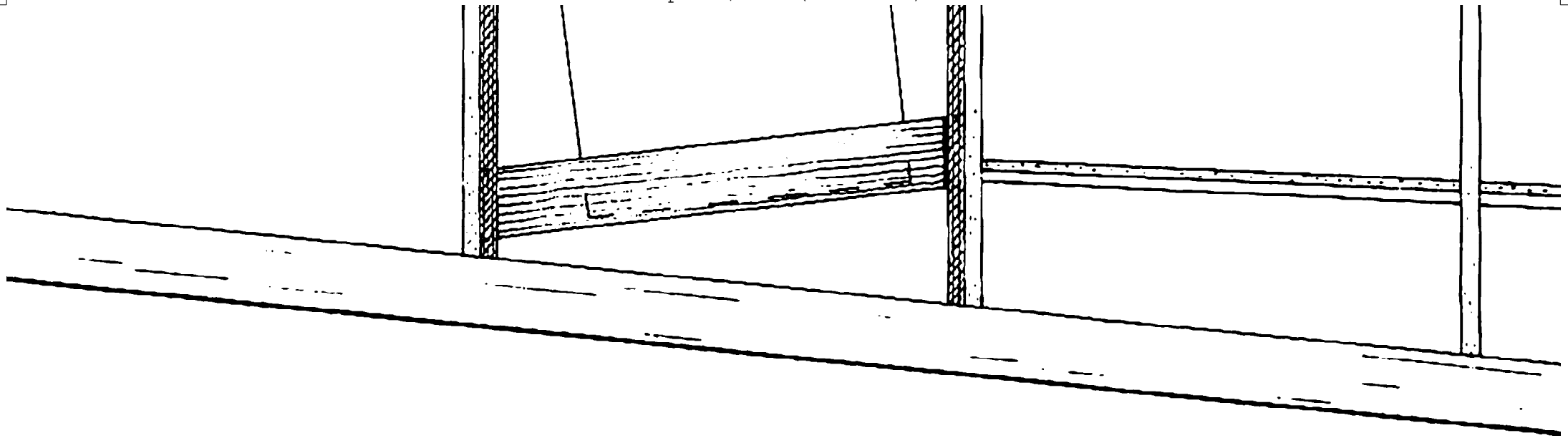

BOTTOM WITH 1/16
BACK TO THIS LINE
VIRE
ET (BRAZE, NOT SOLDER)

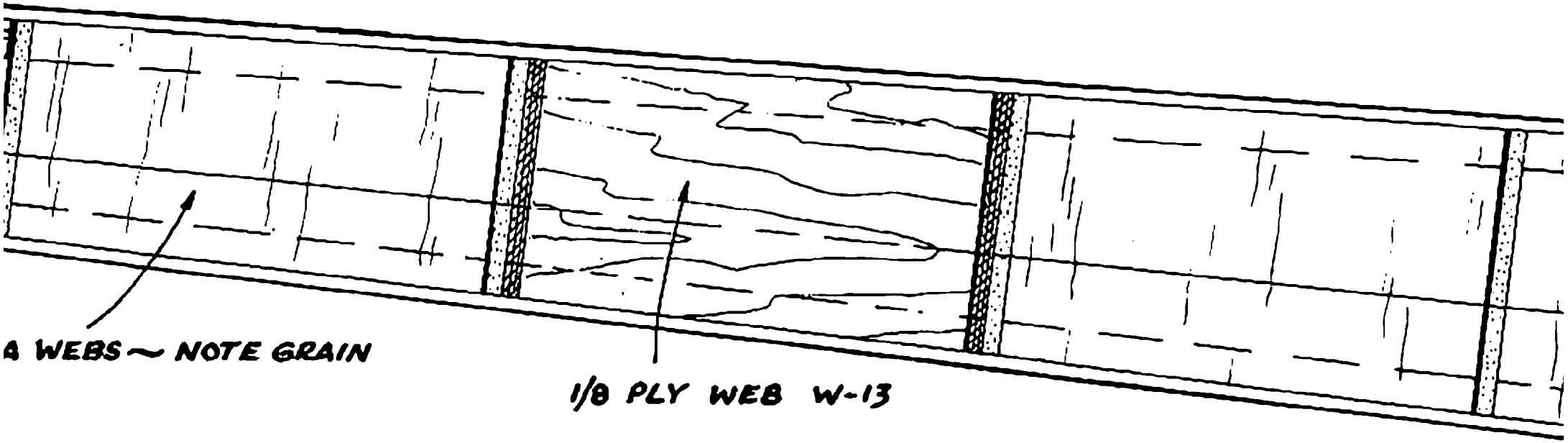

HINGES
ELEVATOR HORN
STABILIZ

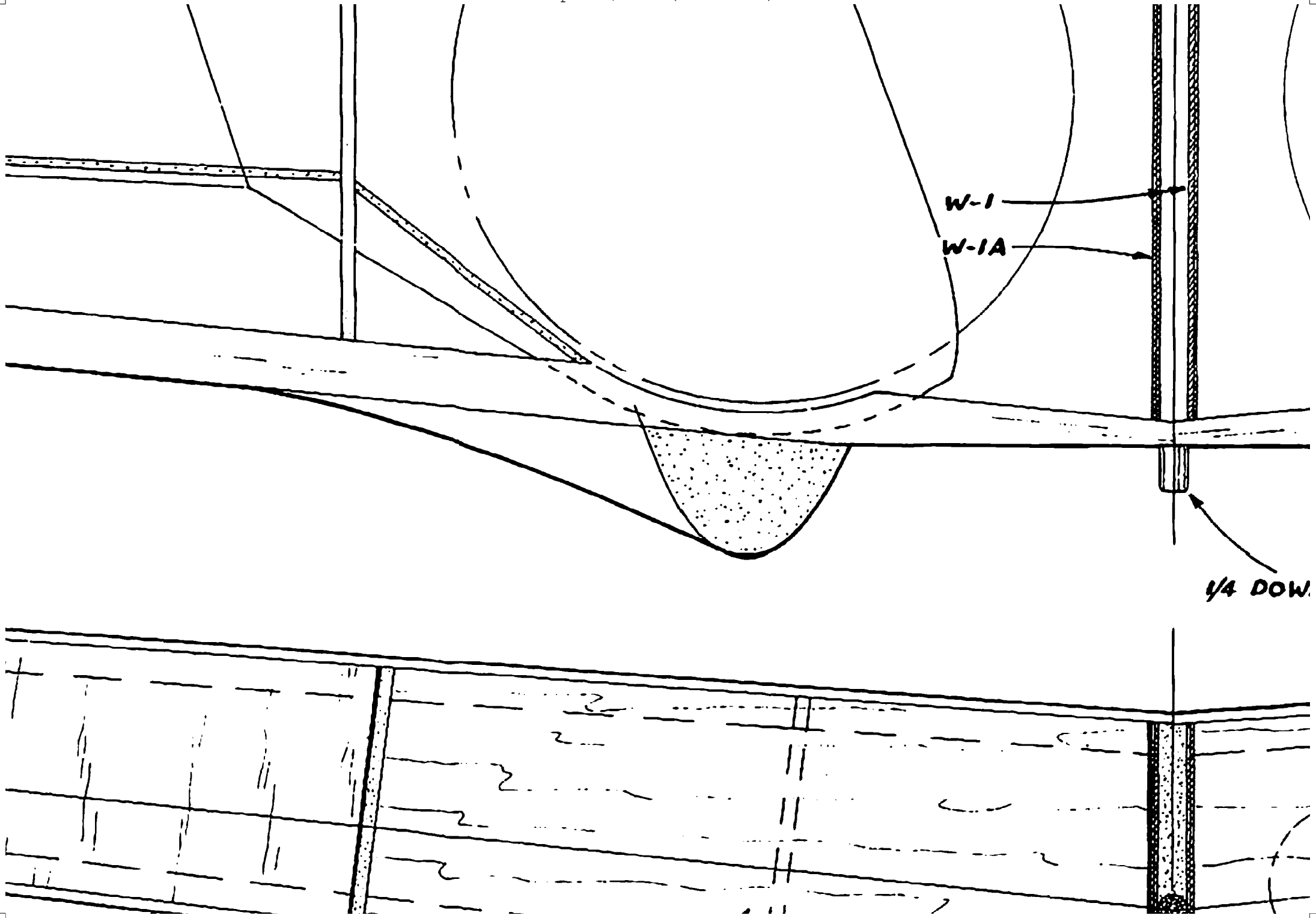

4 1/4 DIHEDRAL EACH WING AT

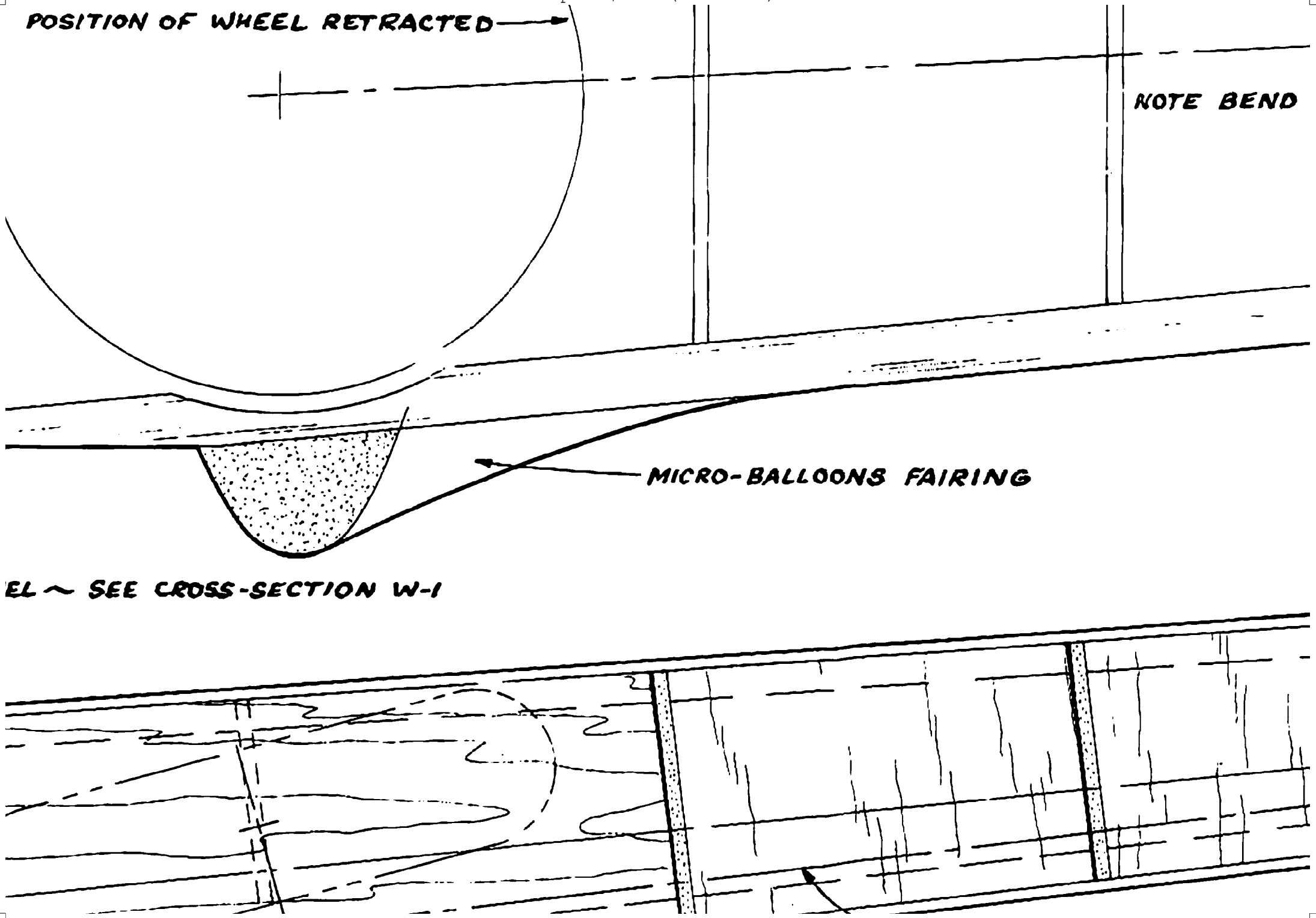

3/16 AT S-7
S-8
S-3
S-2
S-1
STAB. SKINNED TO

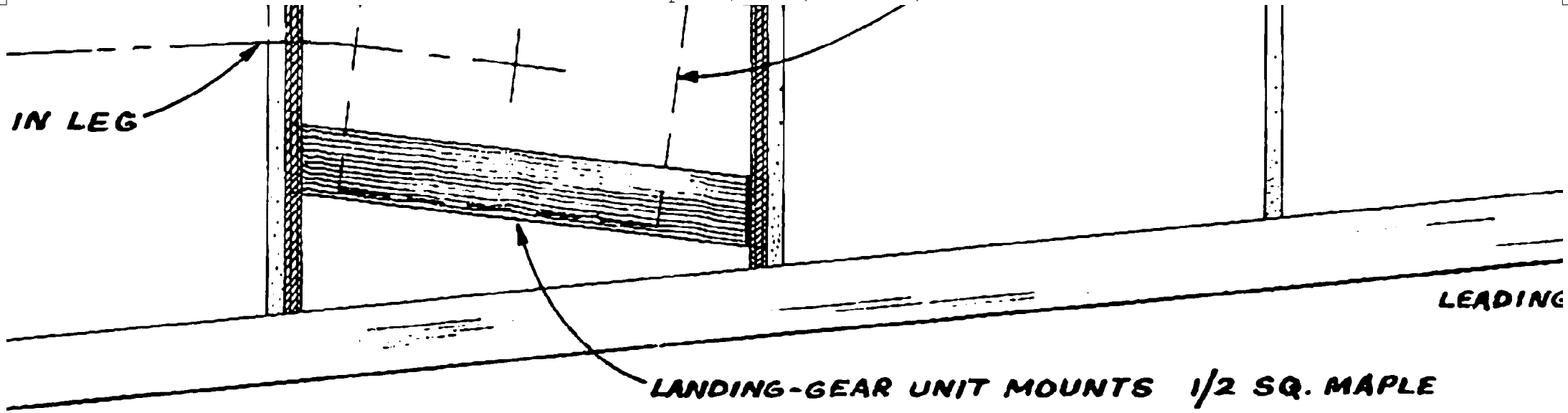

1/4 x 1/2 SPARS
(SPRUCE)
W-11
1/16 BALS.

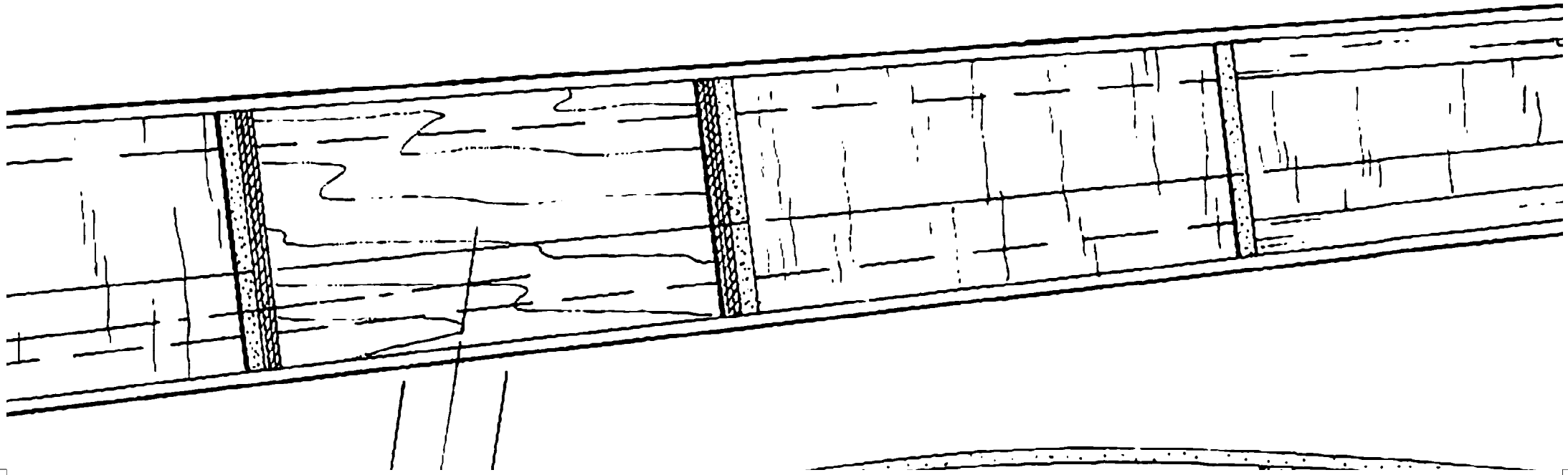


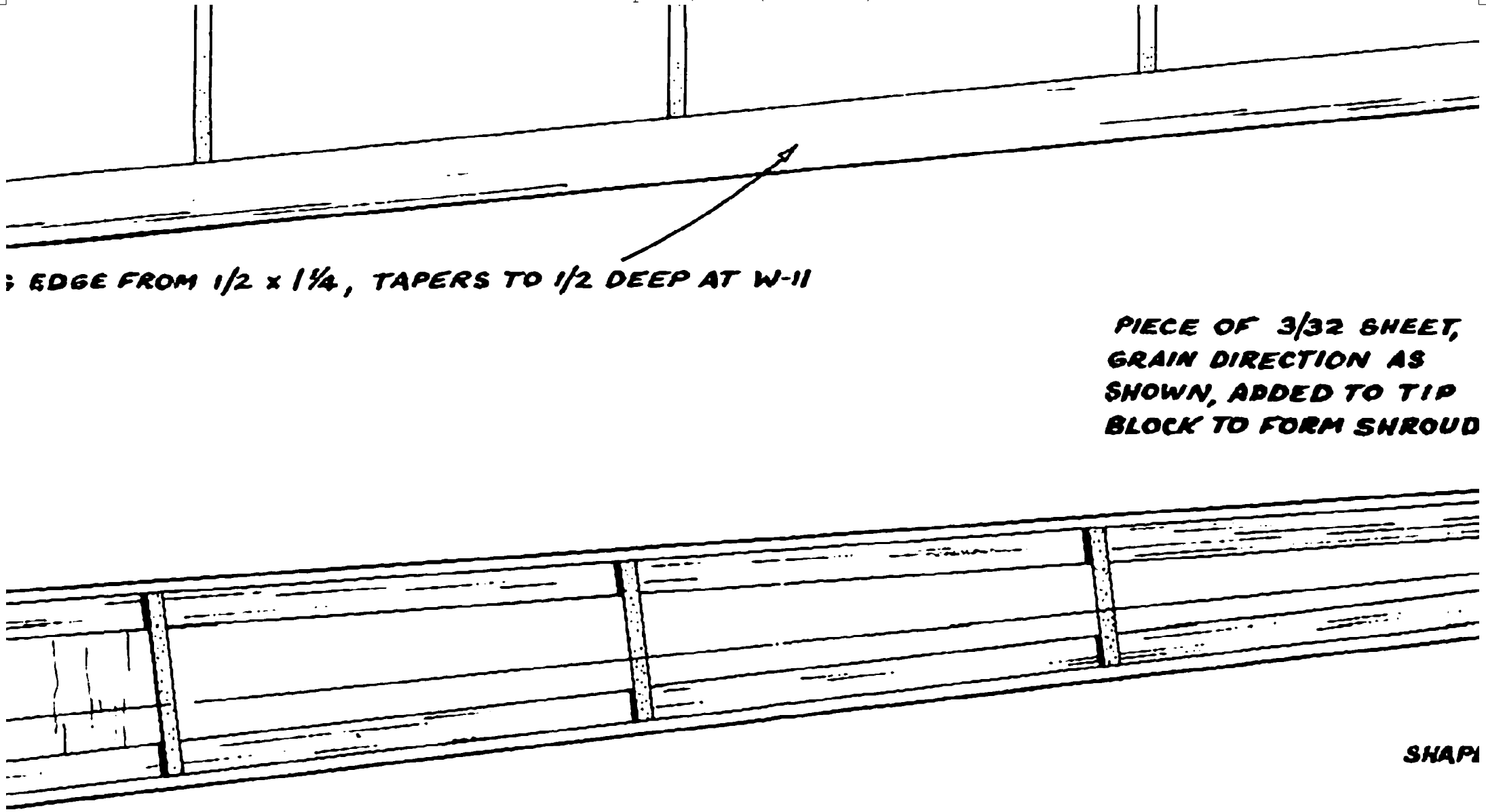

A WEBS ~ NOTE GRAIN
1/8 PLY WEB W-13


W-1
W-1A
1/4 DOW

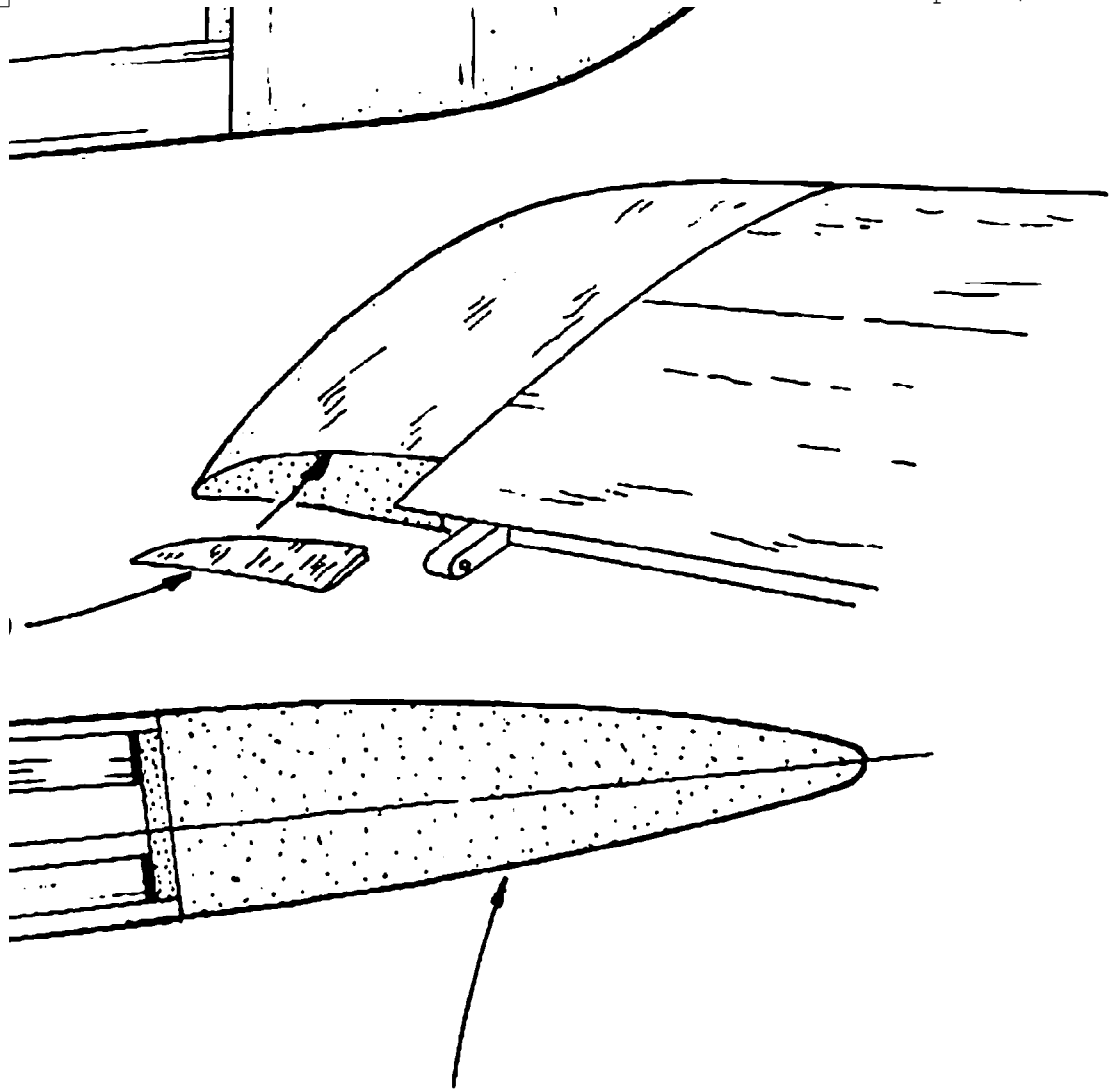

POSITION OF WHEEL RETRACTED
NOTE BEND
MICRO-BALLOONS FAIRING
EL ~ SEE CROSS-SECTION W-1


IN LEG
LEADING
LANDING-GEAR UNIT MOUNTS 1/2 SQ. MAPLE

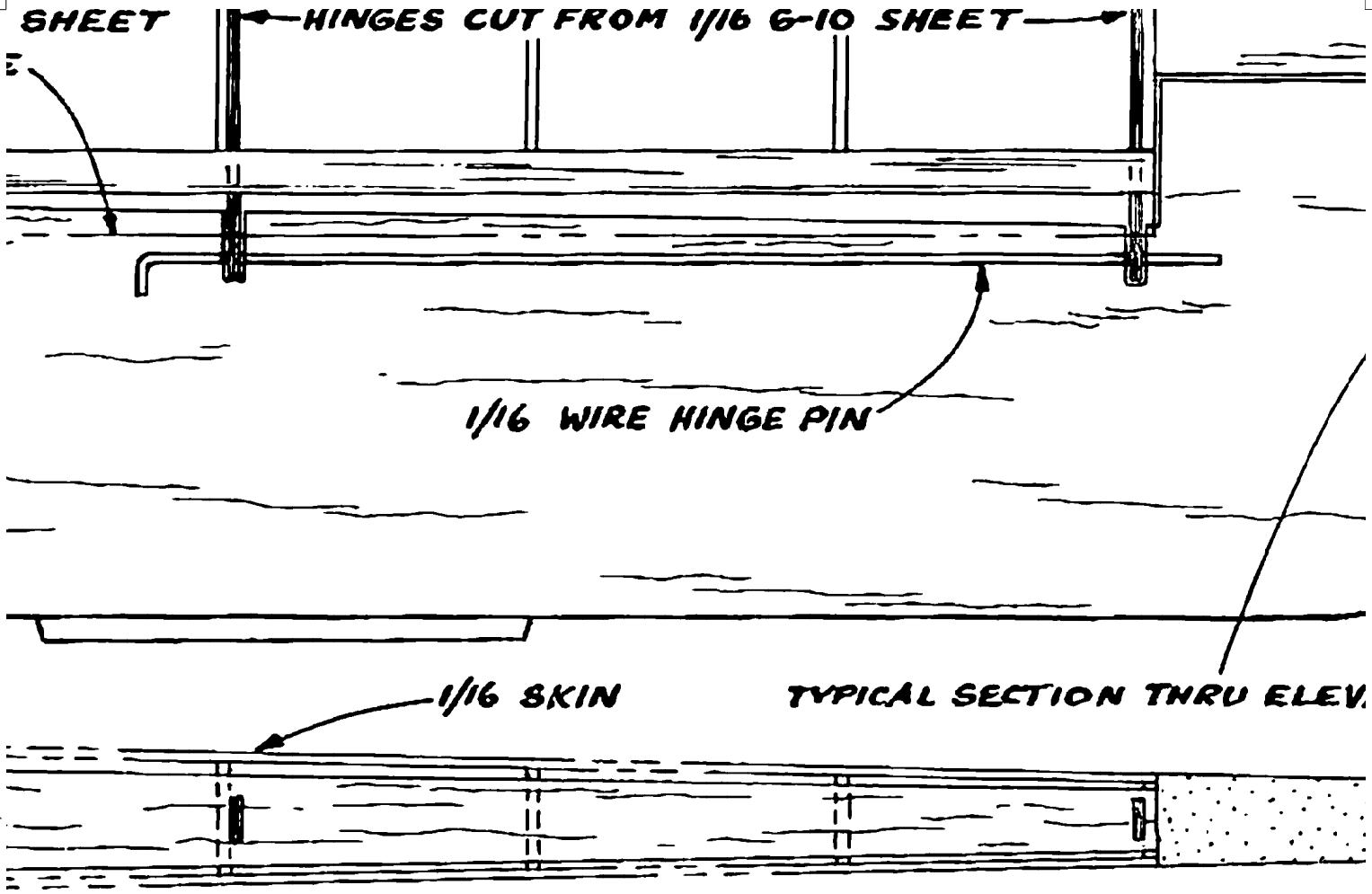




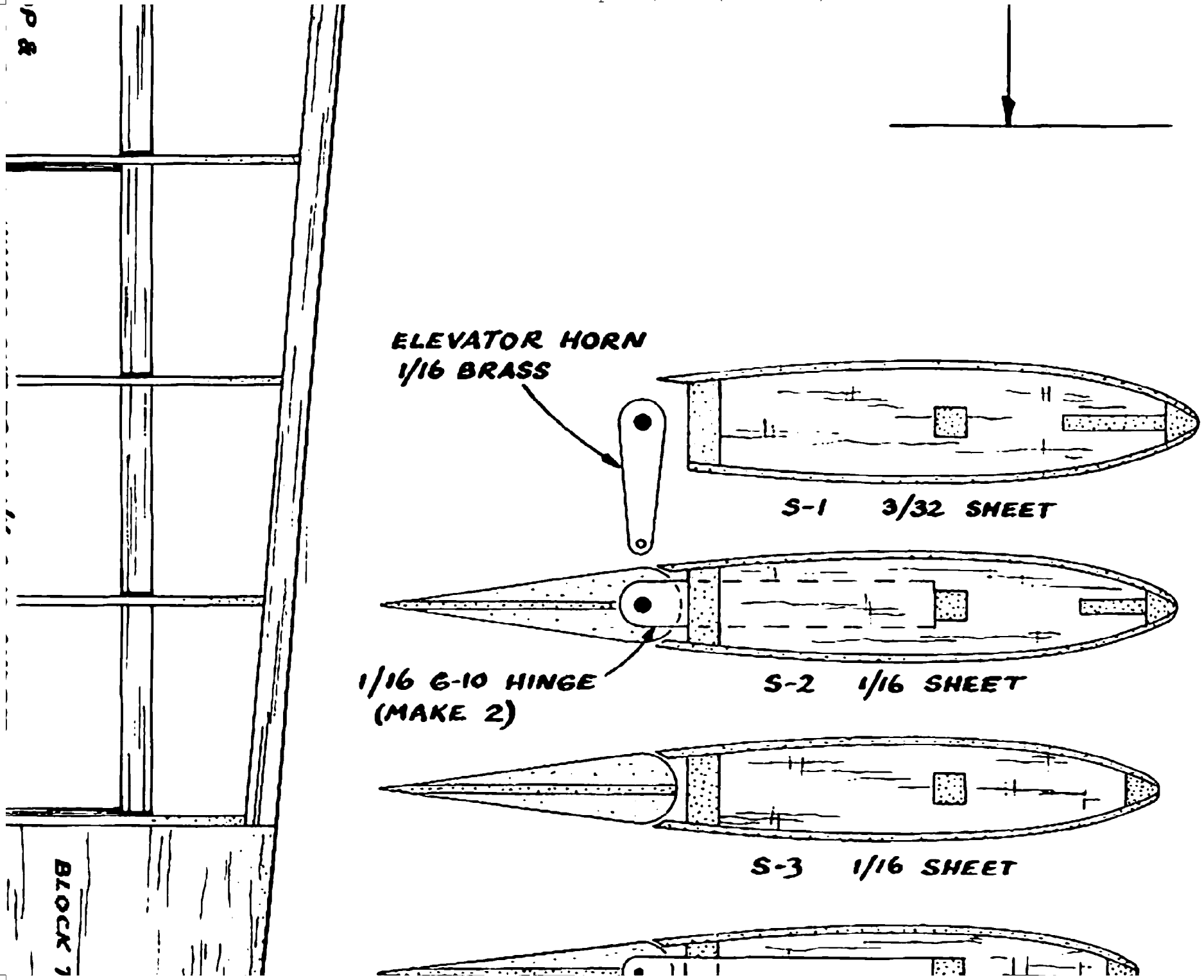
RIB DRAWINGS SHOW LOWER SKIN CUT AWAY FOR FLAPS



SKETCH BELOW SHOWS HOW
LOWER EDGE OF T.E. SHROUD
AND UPPER CORNER OF AILERON

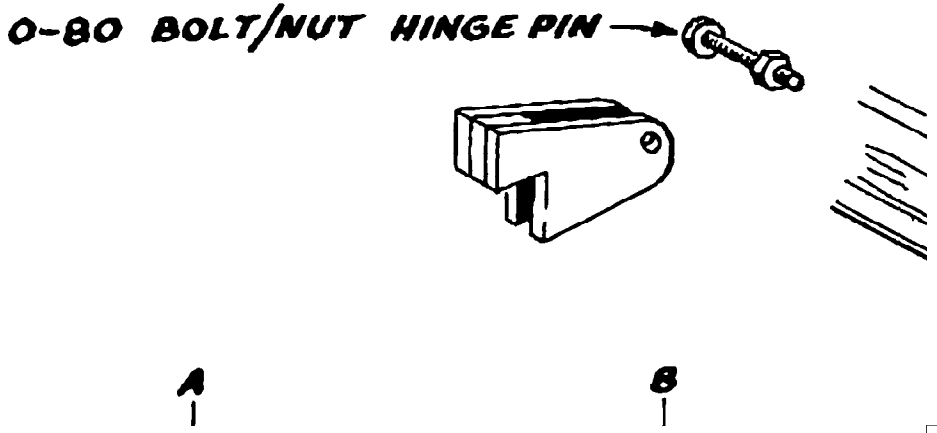


ER TRAILING EDGE CUT FROM 1/4 X 3/4

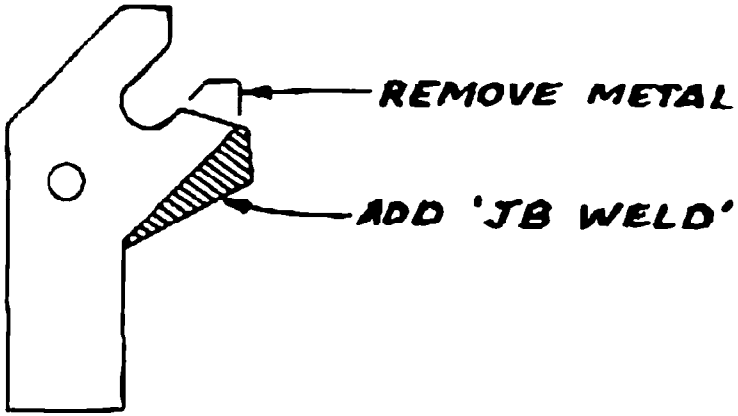

ELEVATOR HORN
1/16 BRASS
S-1 3/32 SHEET
1/16 6-10 HINGE
(MAKE 2)
S-2 1/16 SHEET
S-3 1/16 SHEET

FRONT VIEW OF WING MAINSPAR

SKETCH OF CENTER HINGE/HORN

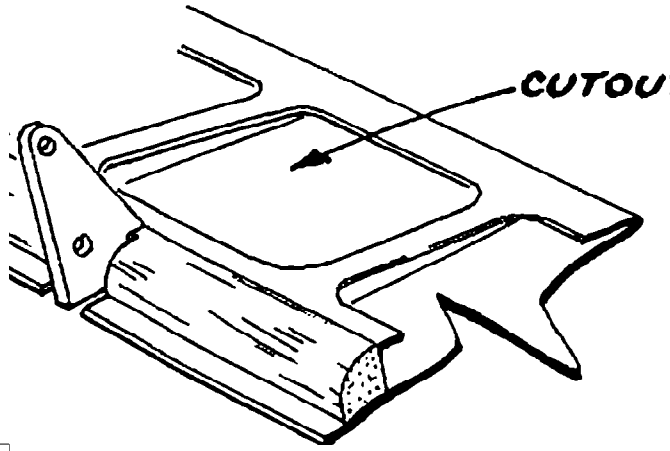


3/32 BALSA WING SKIN·



MODIFICATION OF STOCK 'COMPETITION SPECIAL' LANDING-GEAR PIVOT BLOCK TO GET REQUIRED 74° RETRACTION ANGLE (REFER ALSO TO RLG INSTRUCTIONS)

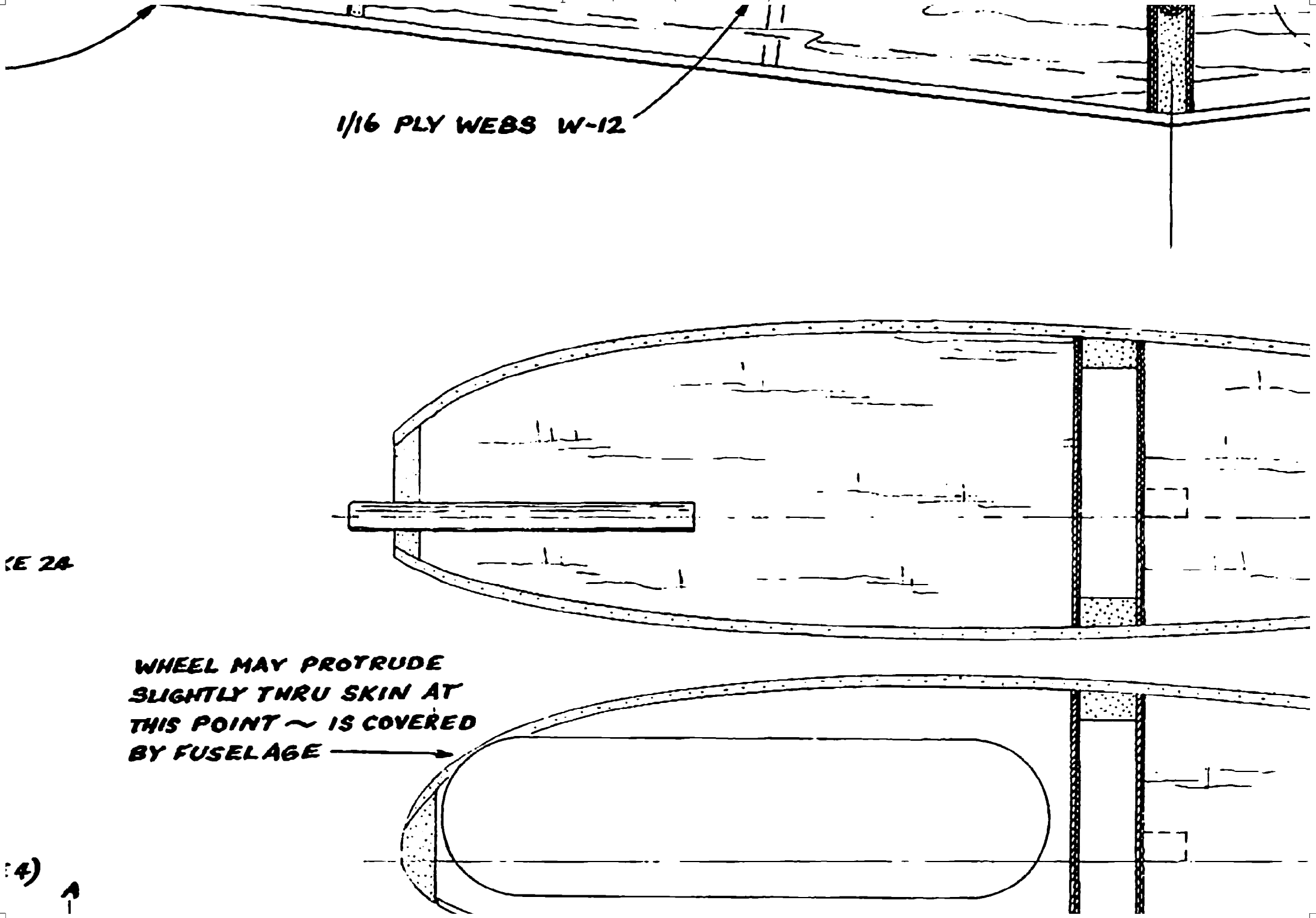
I ASSEMBLY

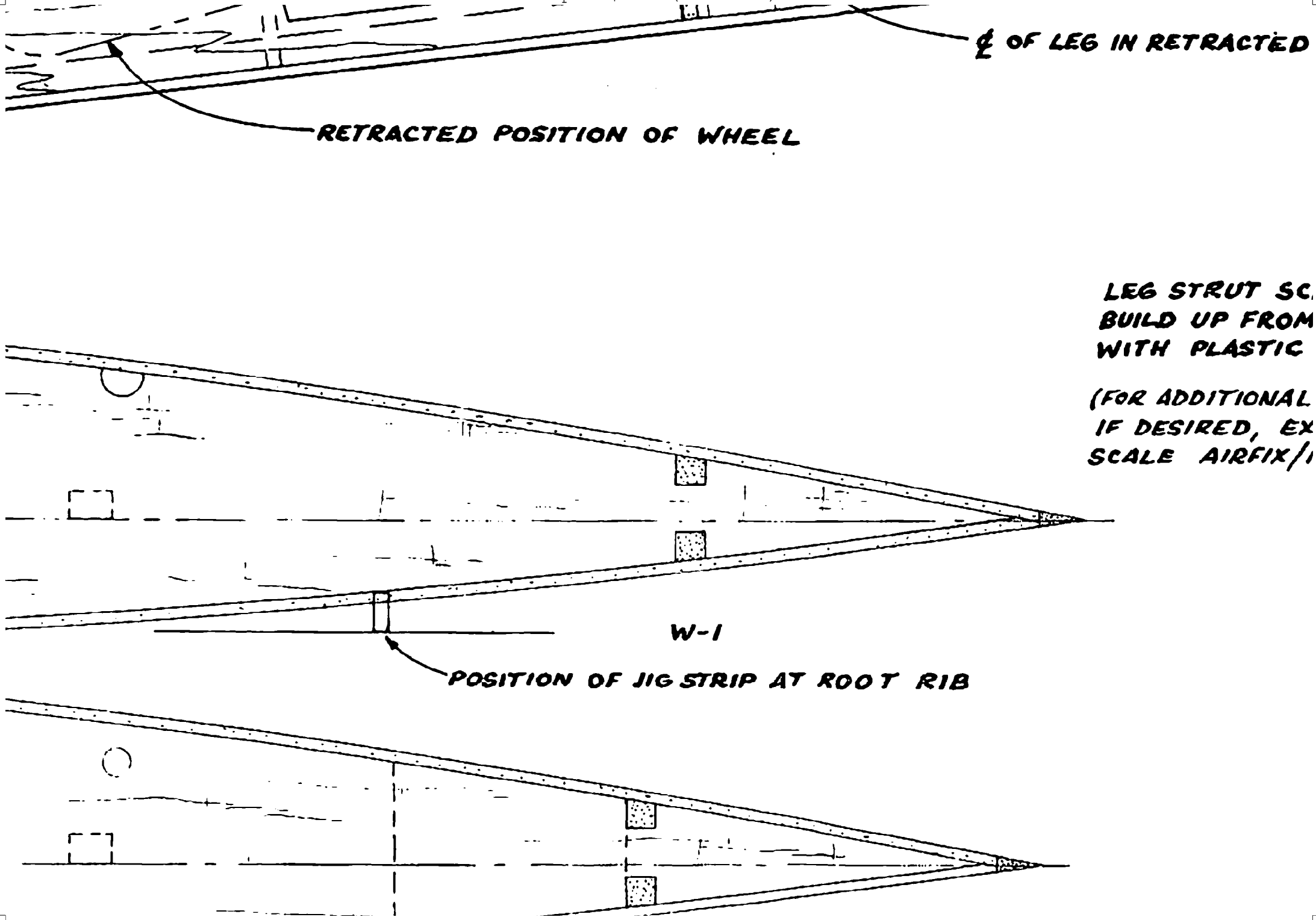


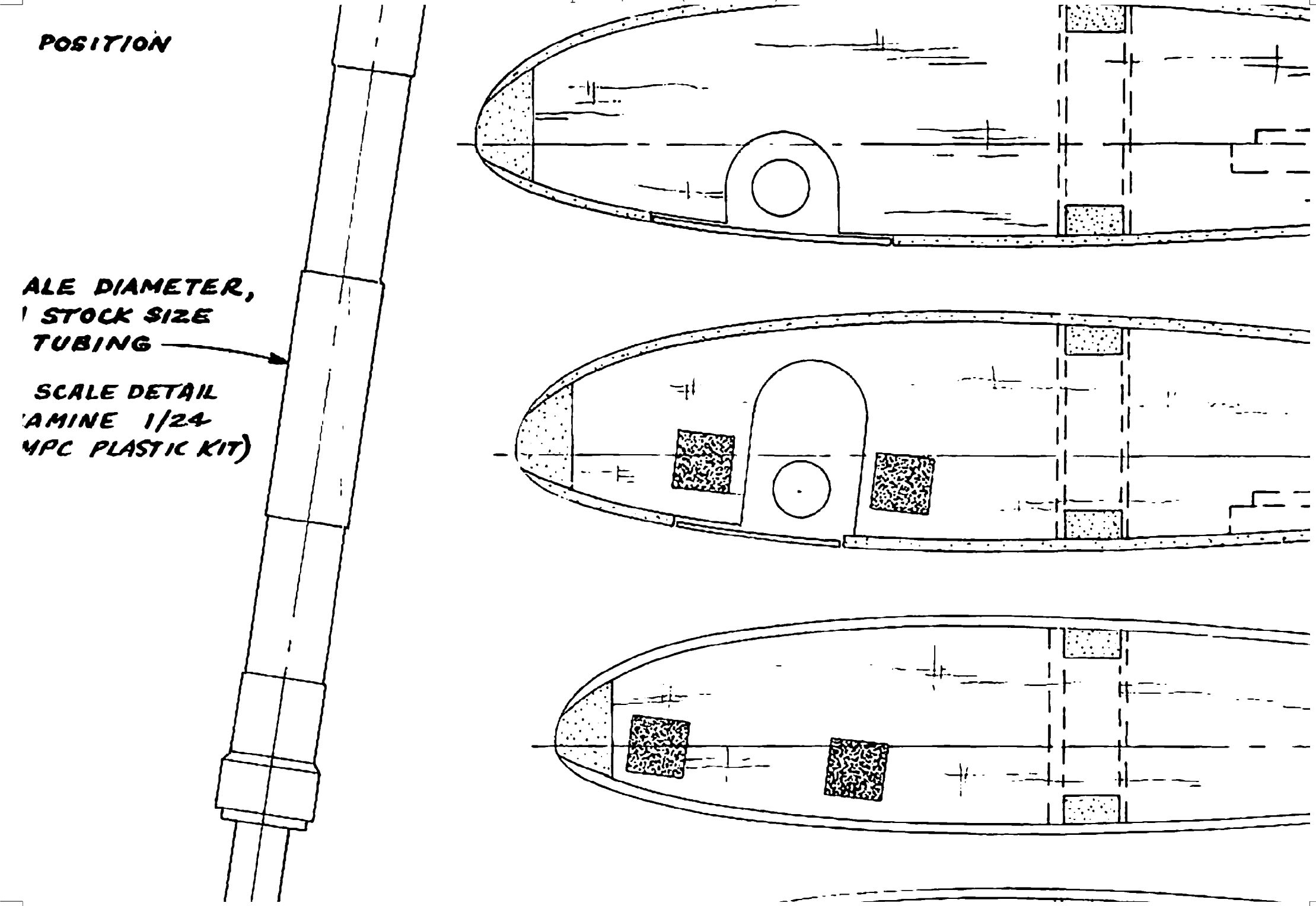
THIS PART OF HINGE IS ATTACHED TO WING — SEE LEFT WING PLAN

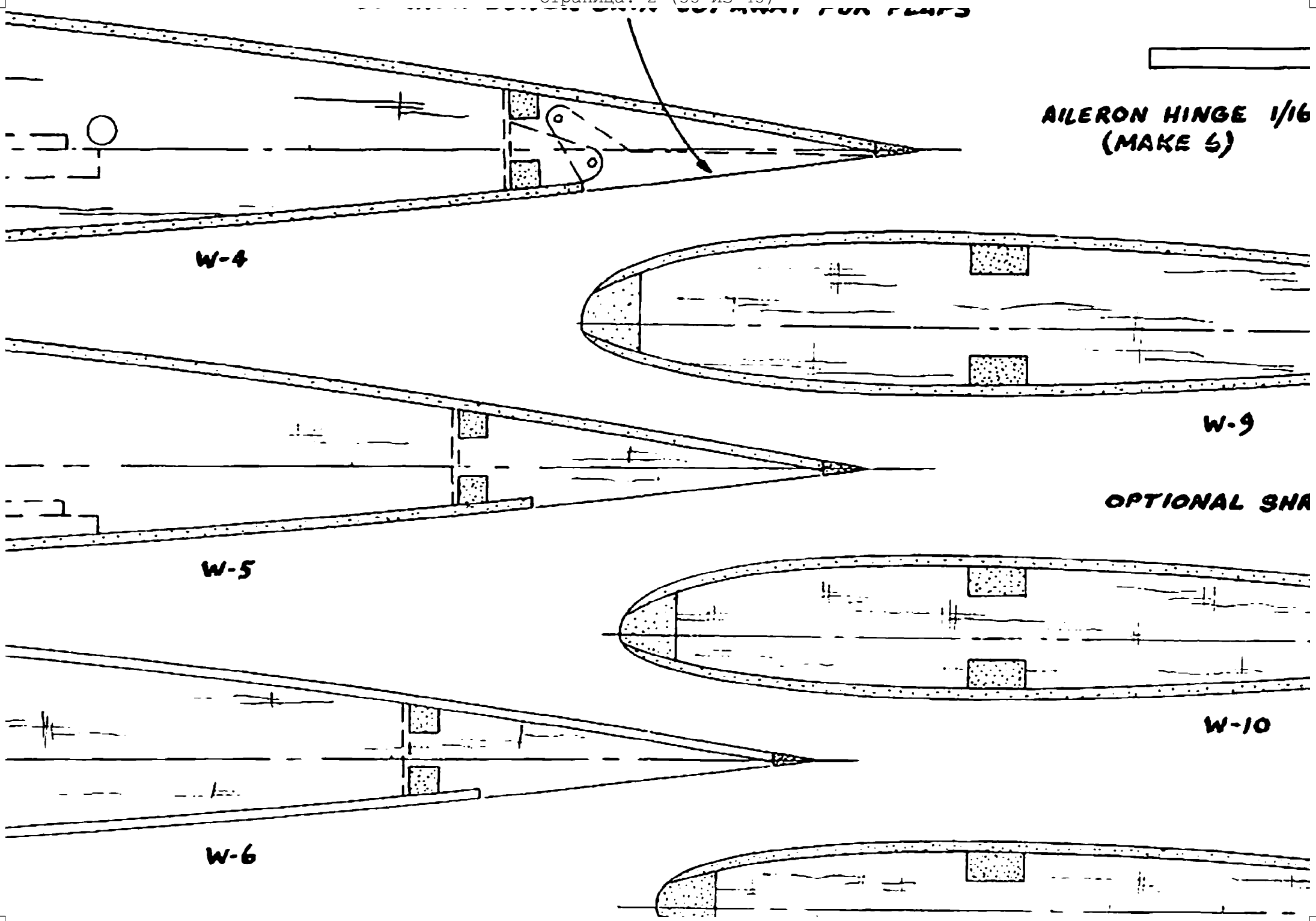
SECTION B-B

SECTION C-C


1/16 PLY WEBS W-12
WHEEL MAY PROTRUDE SLIGHTLY THRU SKIN AT THIS POINT ~ IS COVERED BY FUSELAGE

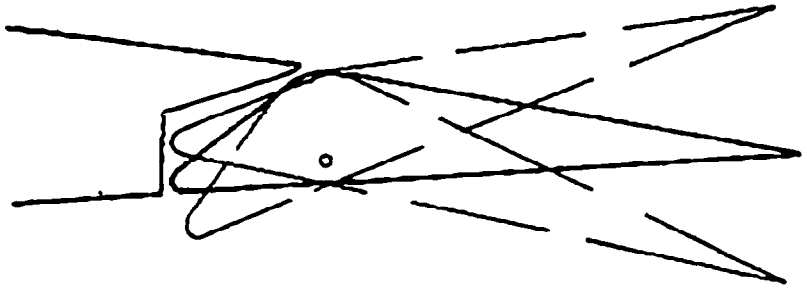

℄ OF LEG IN RETRACTED
RETRACTED POSITION OF WHEEL
LEG STRUT SC
BUILD UP FROM
WITH PLASTIC
(FOR ADDITIONAL
IF DESIRED, EX
SCALE AIRFIX/
W-1
POSITION OF JIG STRIP AT ROOT RIB

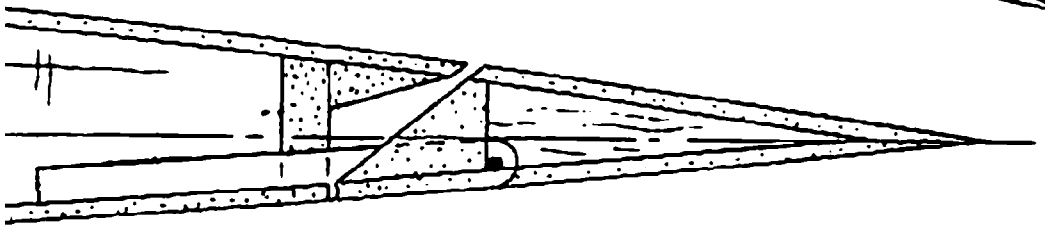

POSITION
ALE DIAMETER,
STOCK SIZE
TUBING
SCALE DETAIL
AMINE 1/24
MPC PLASTIC KIT)


AILERON HINGE 1/16
(MAKE 6)
W-4
W-9
W-5
OPTIONAL SHA
W-10
W-6

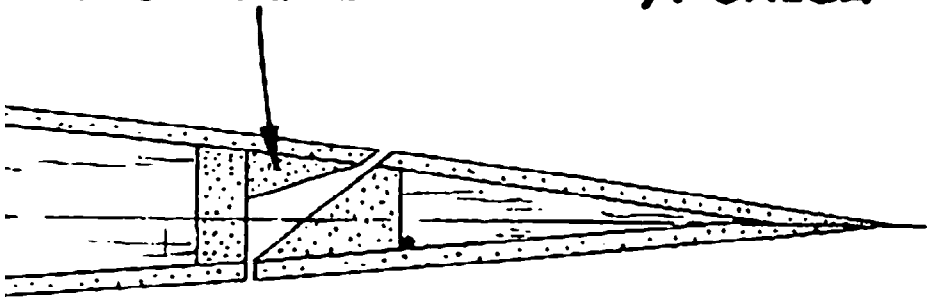
ARE ROUNDED TO ALLOW MOVEMENT

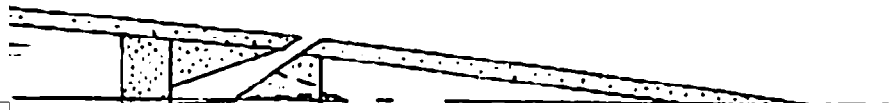
G-10

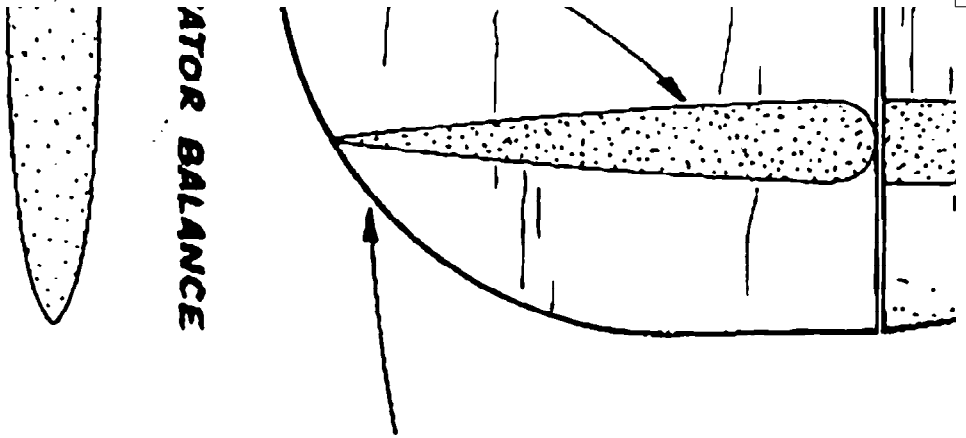




OUD STIFFENER FROM 1/4 BALSA

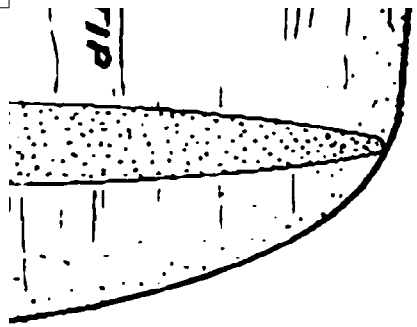


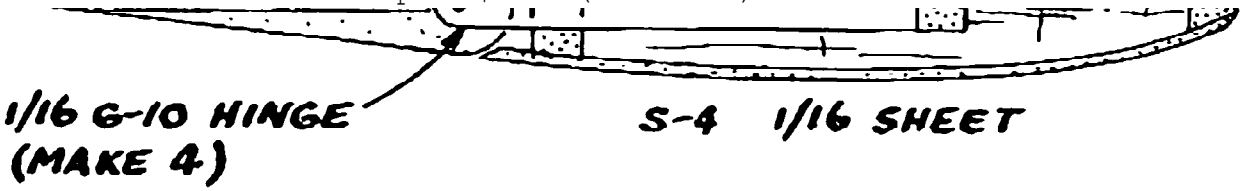


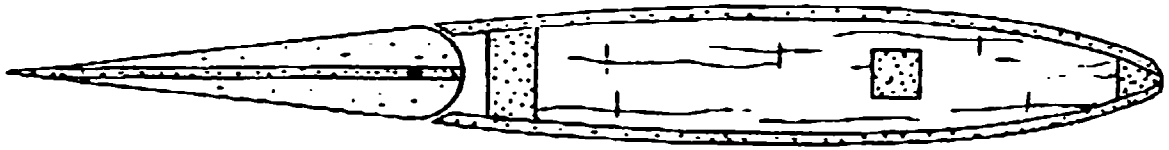


ATOR BALANCE

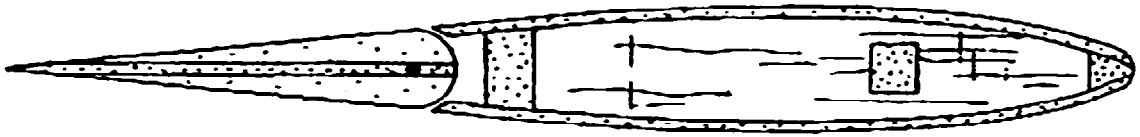
ELEVATOR CONSTRUCTED C
WITH 5/16 SHEET EACH SI
SHAPED TO AIRFOIL. SEE S

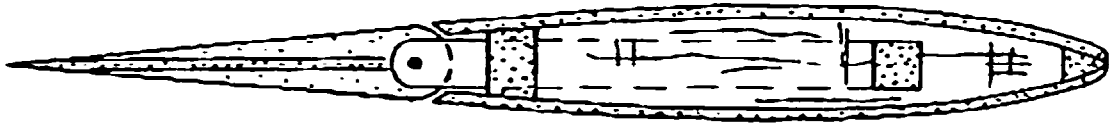


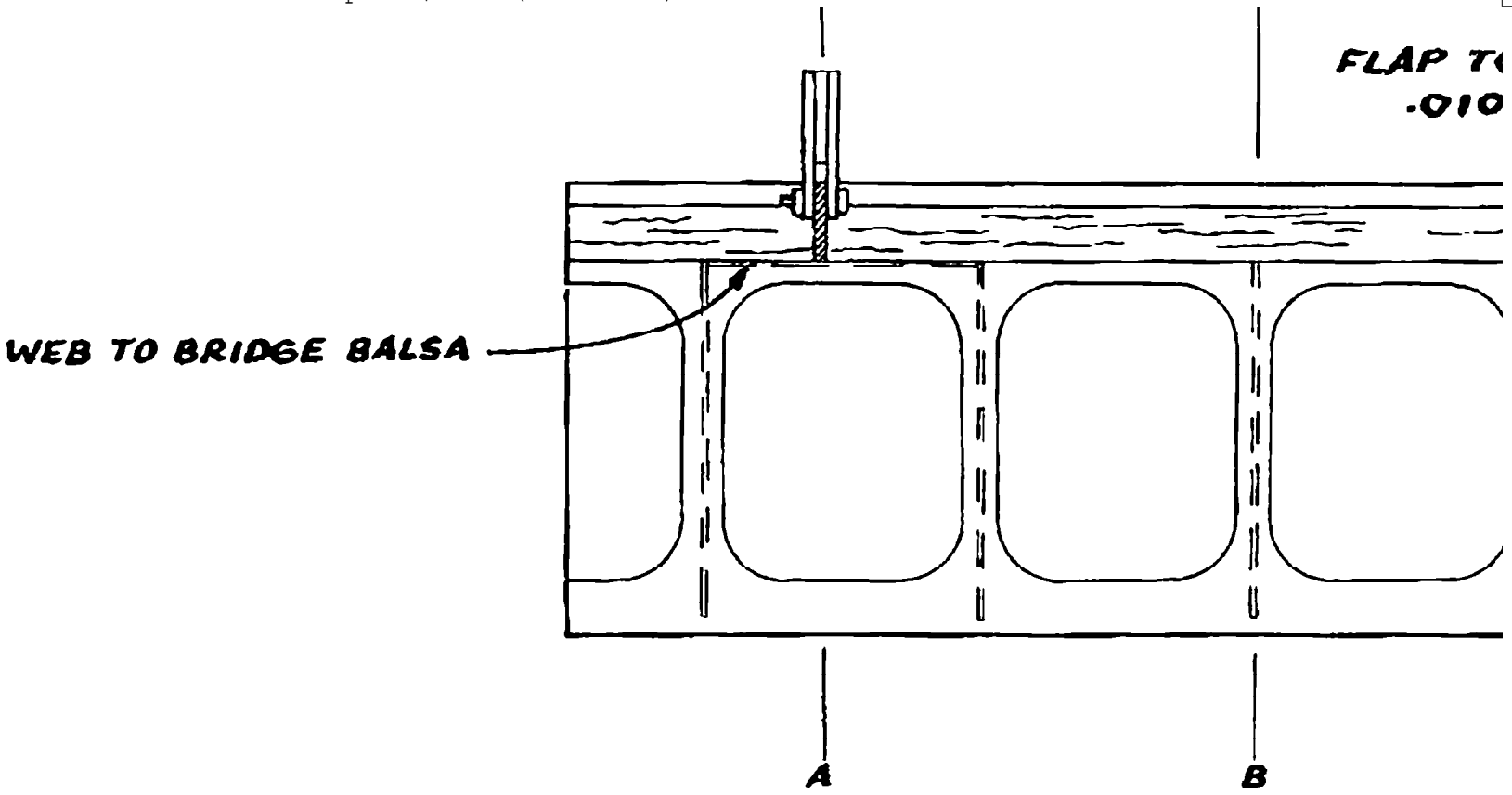


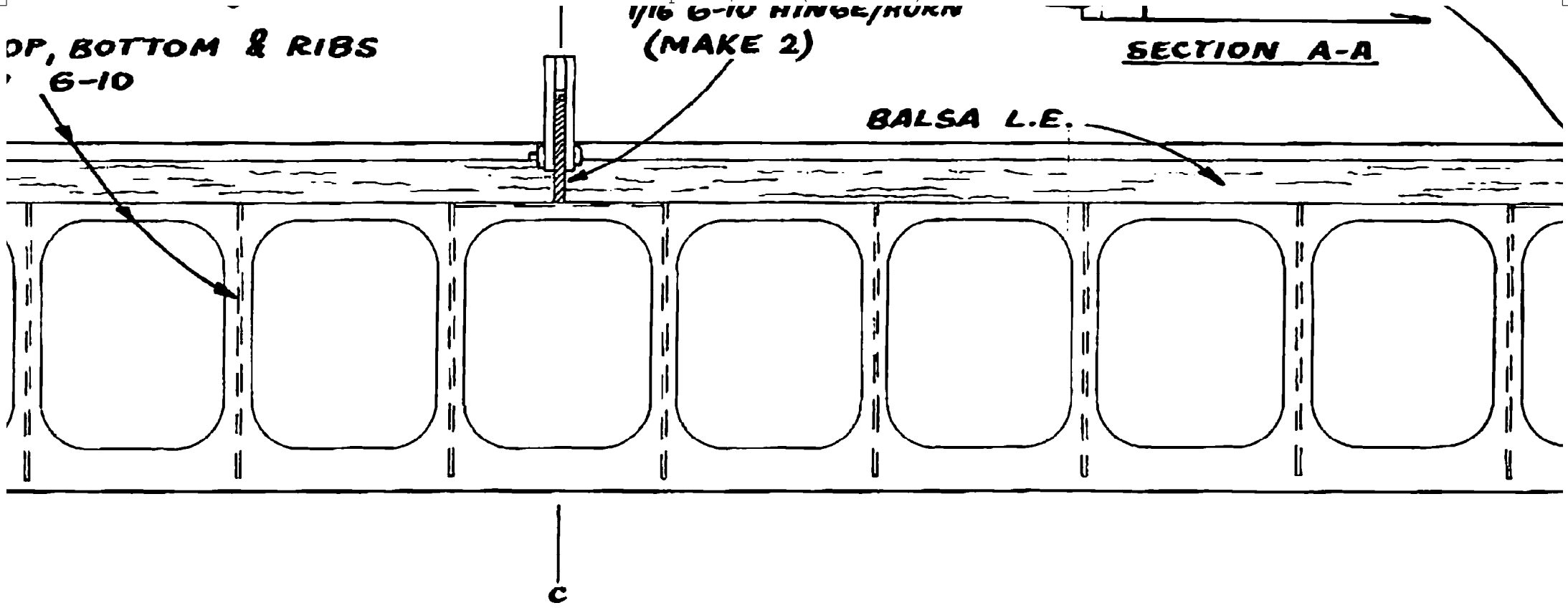


OF 1/16 CORE
DE, THEN
SECTIONS ⇨



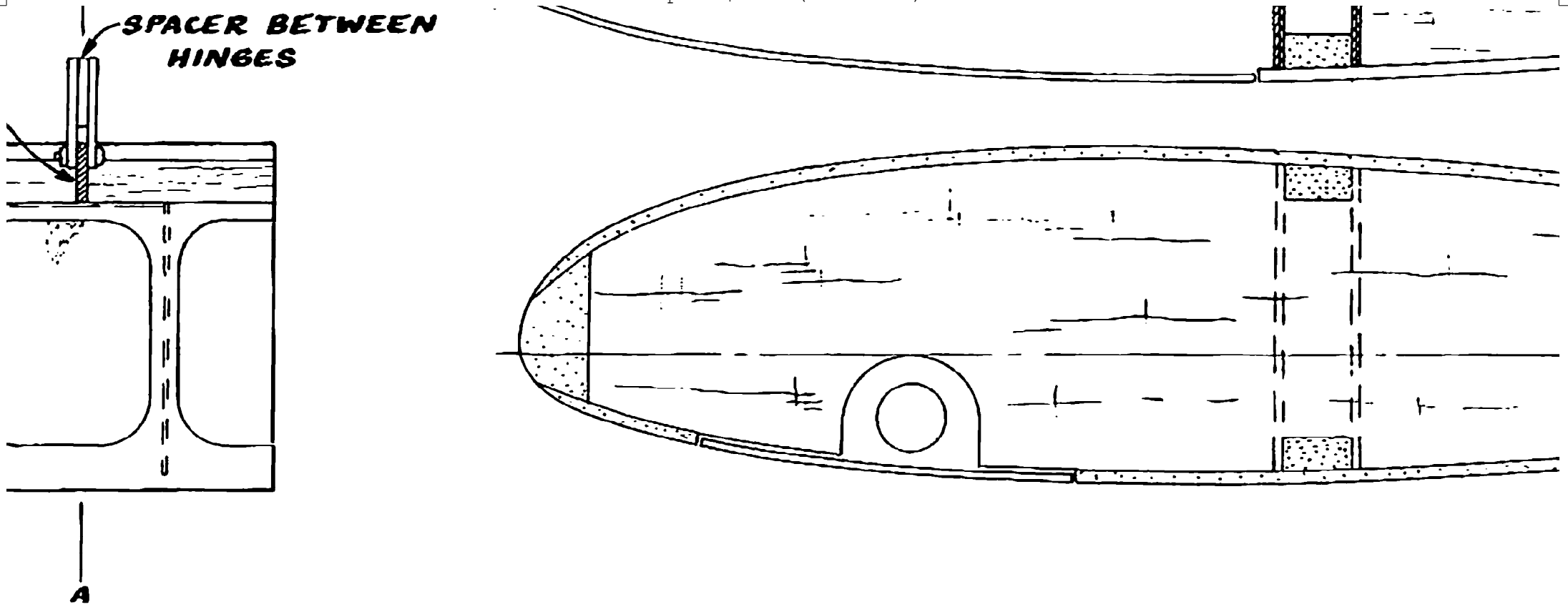



FLAP T
.010
WEB TO BRIDGE BALSA
A
B

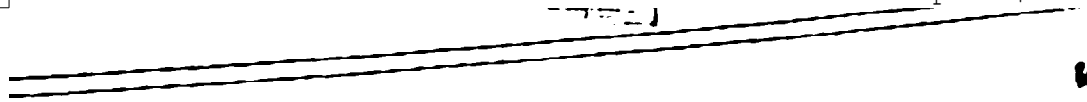


DETAIL OF OPTIONAL FLAPS (MATERIAL NOT SUPPLIED)

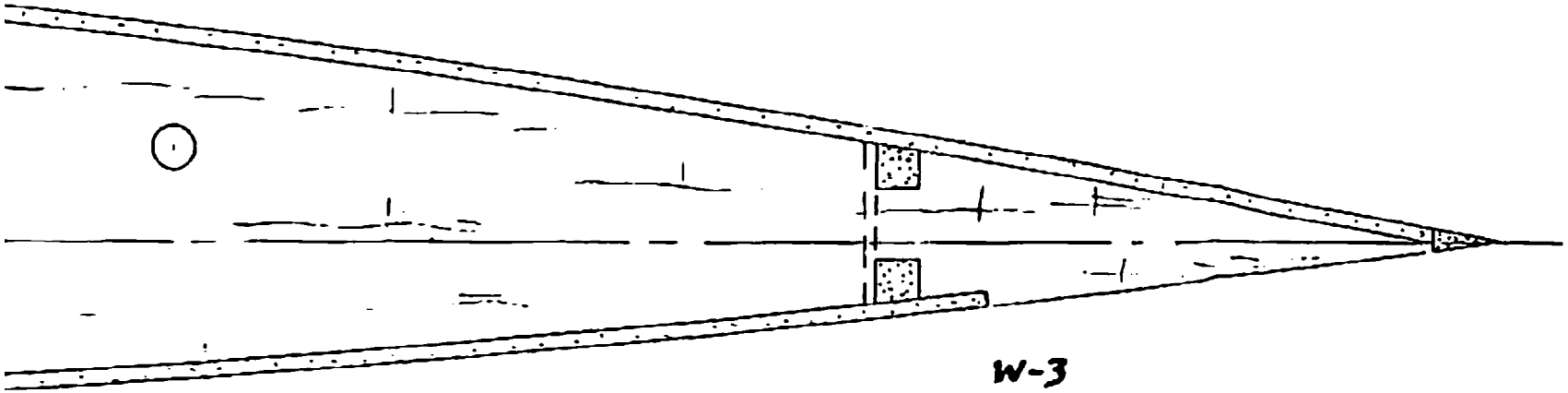
ADDITIONAL G-10 SHEET STOCK IS AVAILABLE FROM DAVE PLATT MODELS IN .0



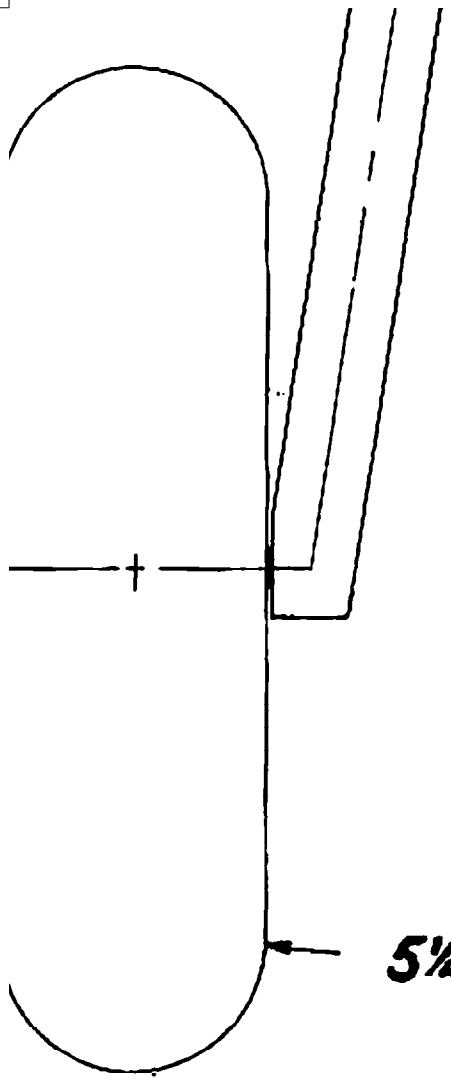
05, .010, .015, .030 & .060 THICKNESSES

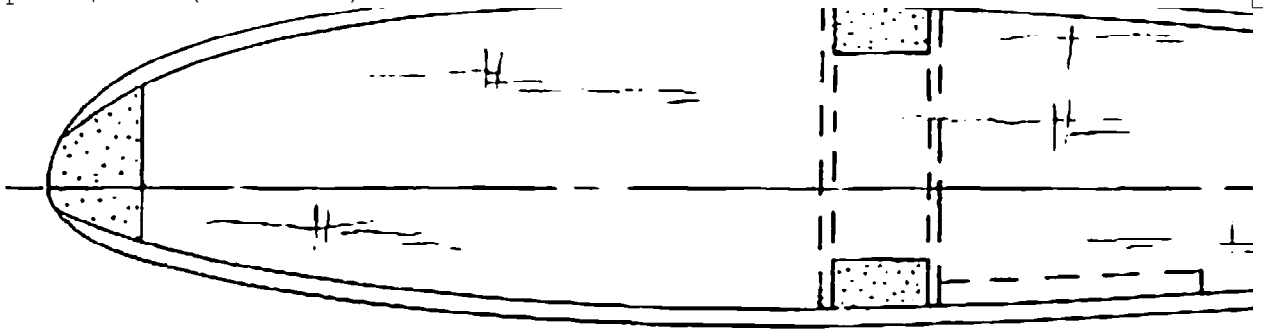


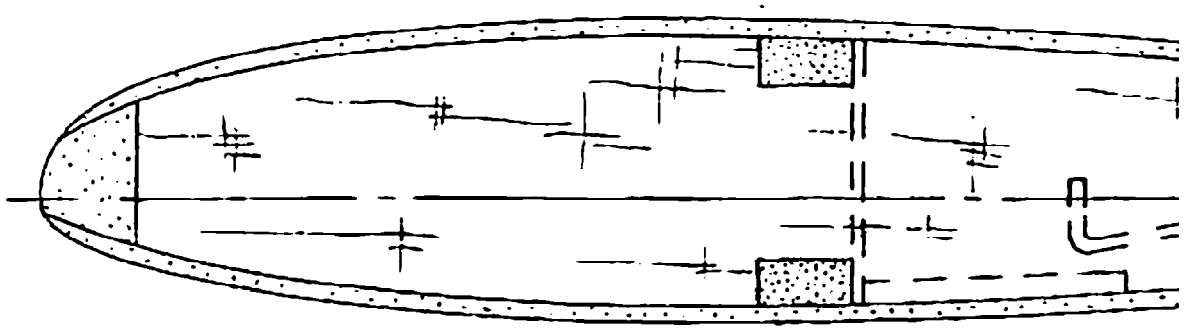
W-2



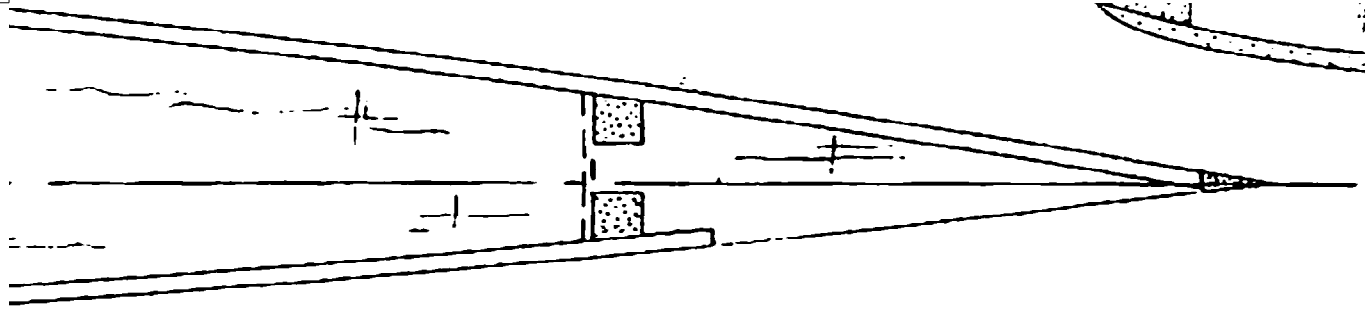
W-3





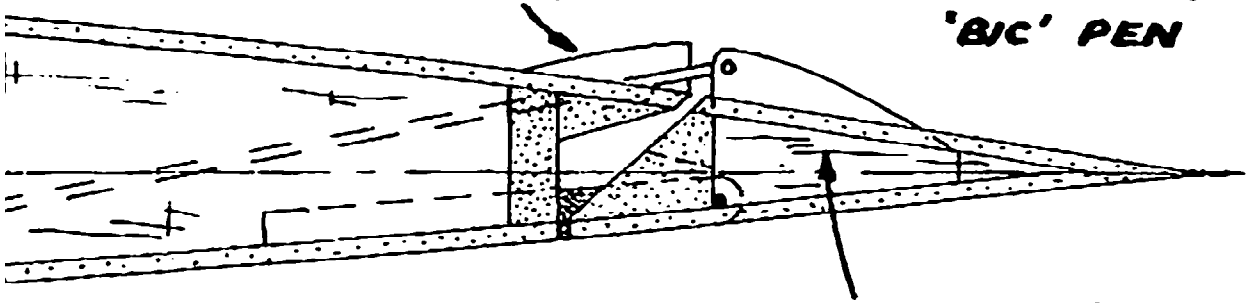


5¼" WILLIAMS BROS. 'BALLOON STYLE' WHEELS



W-7

W-11



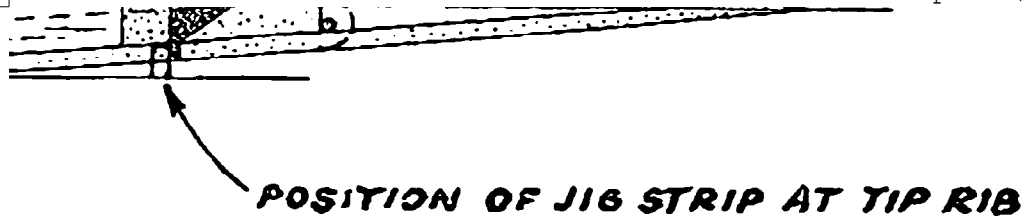
W-8

Focke-Wulf

Designed by Dave F

SCALE ~ 2.3" = 1' (1: 5.2

WING SPAN	79.25"
LENGTH	67.60"
AREA	1,042 □"
WEIGHT	17-20 LBS.



POSITION OF JIG STRIP AT TIP RIB

SHEET OF 2

FW-190 A-8

platt

2)