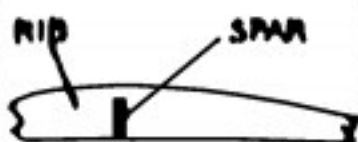
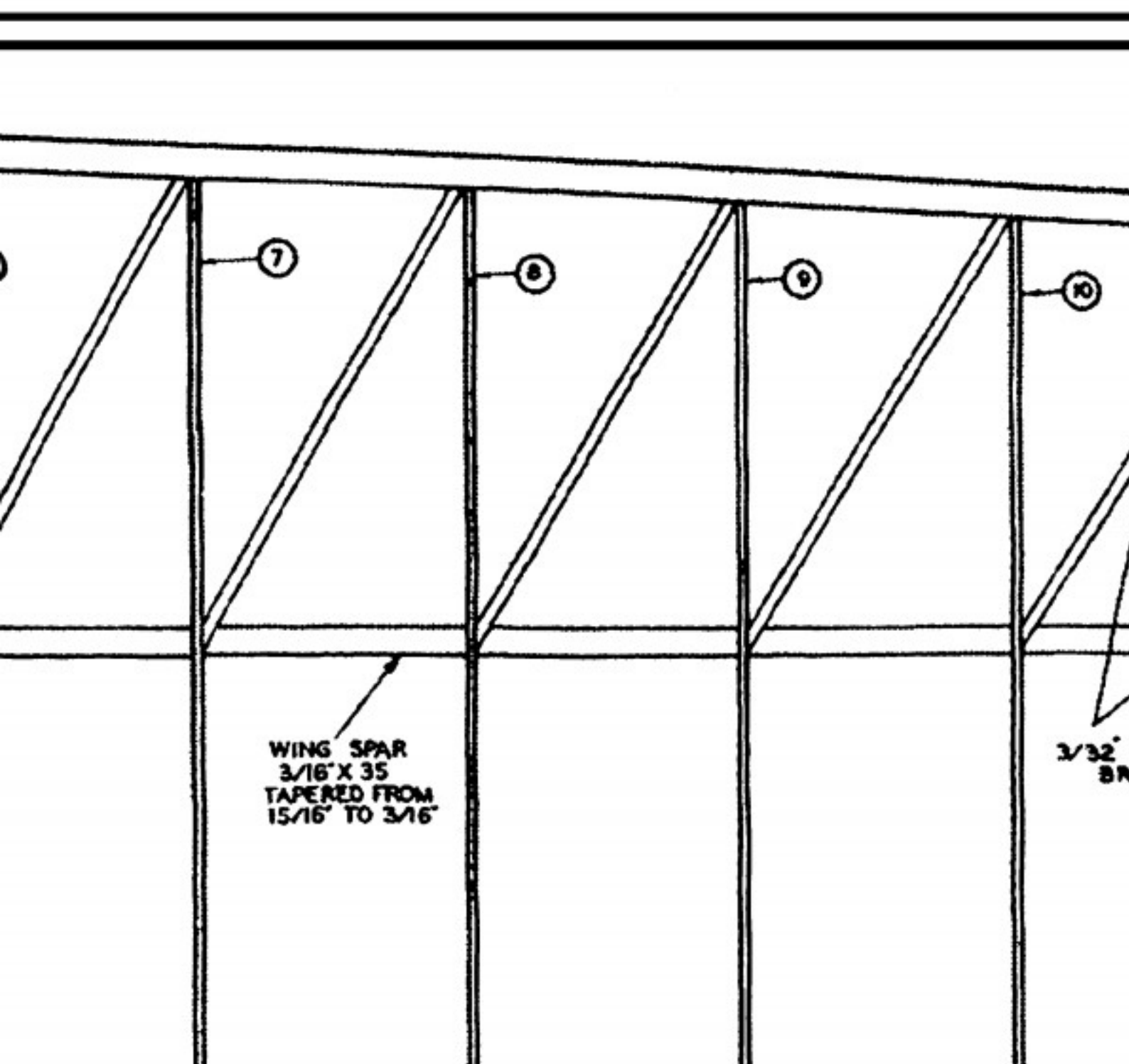
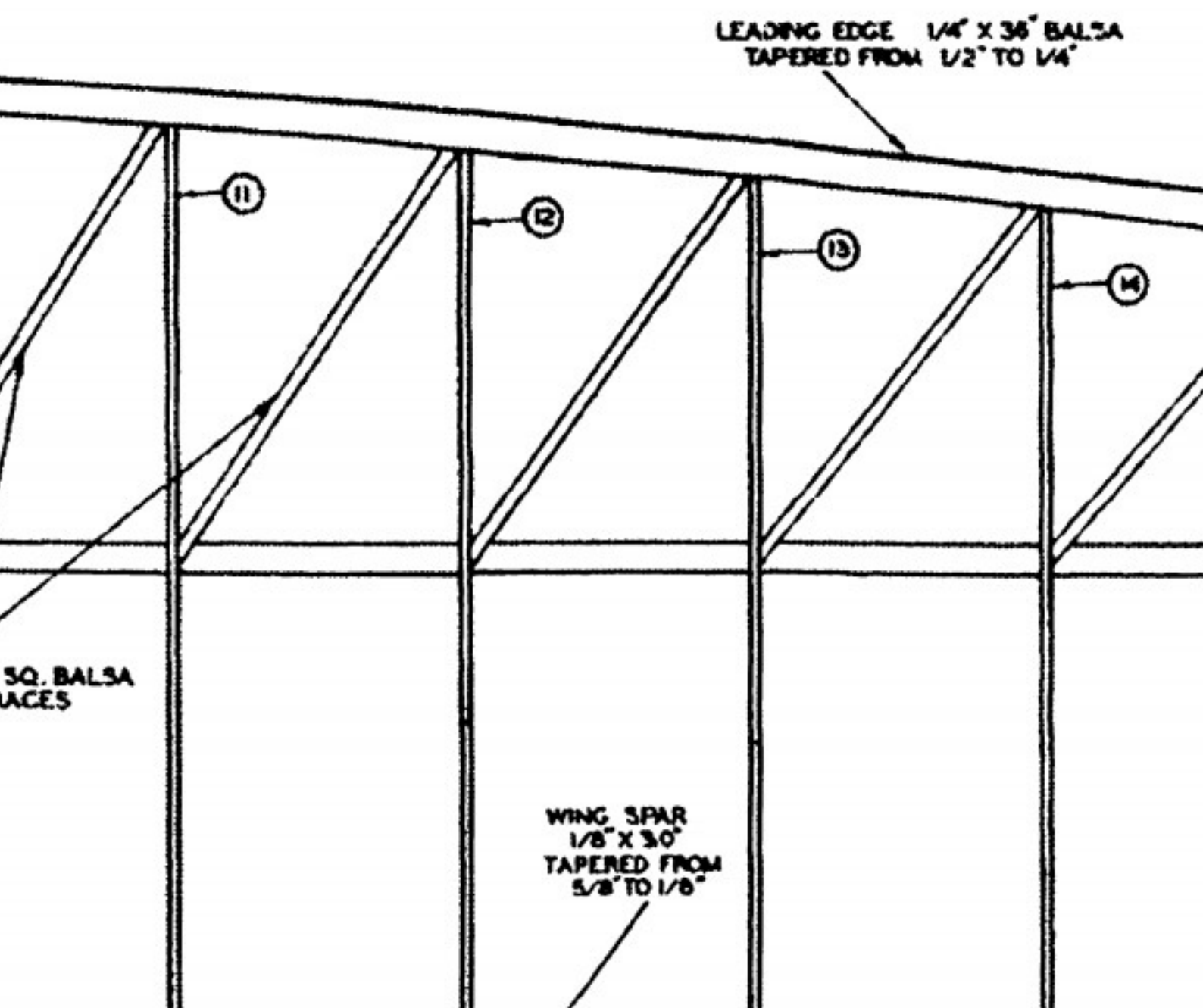


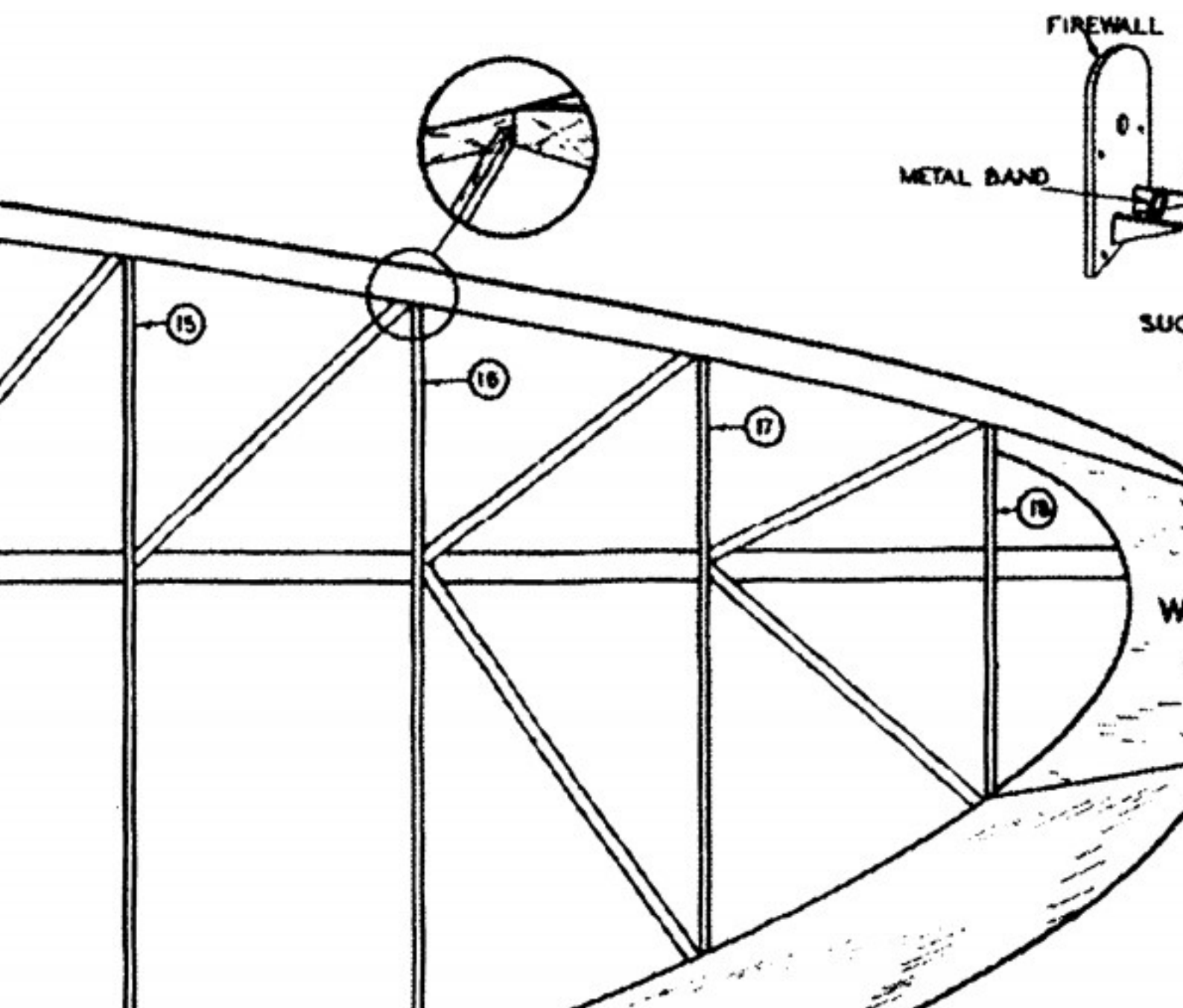
FRONT SPAR
BRACES

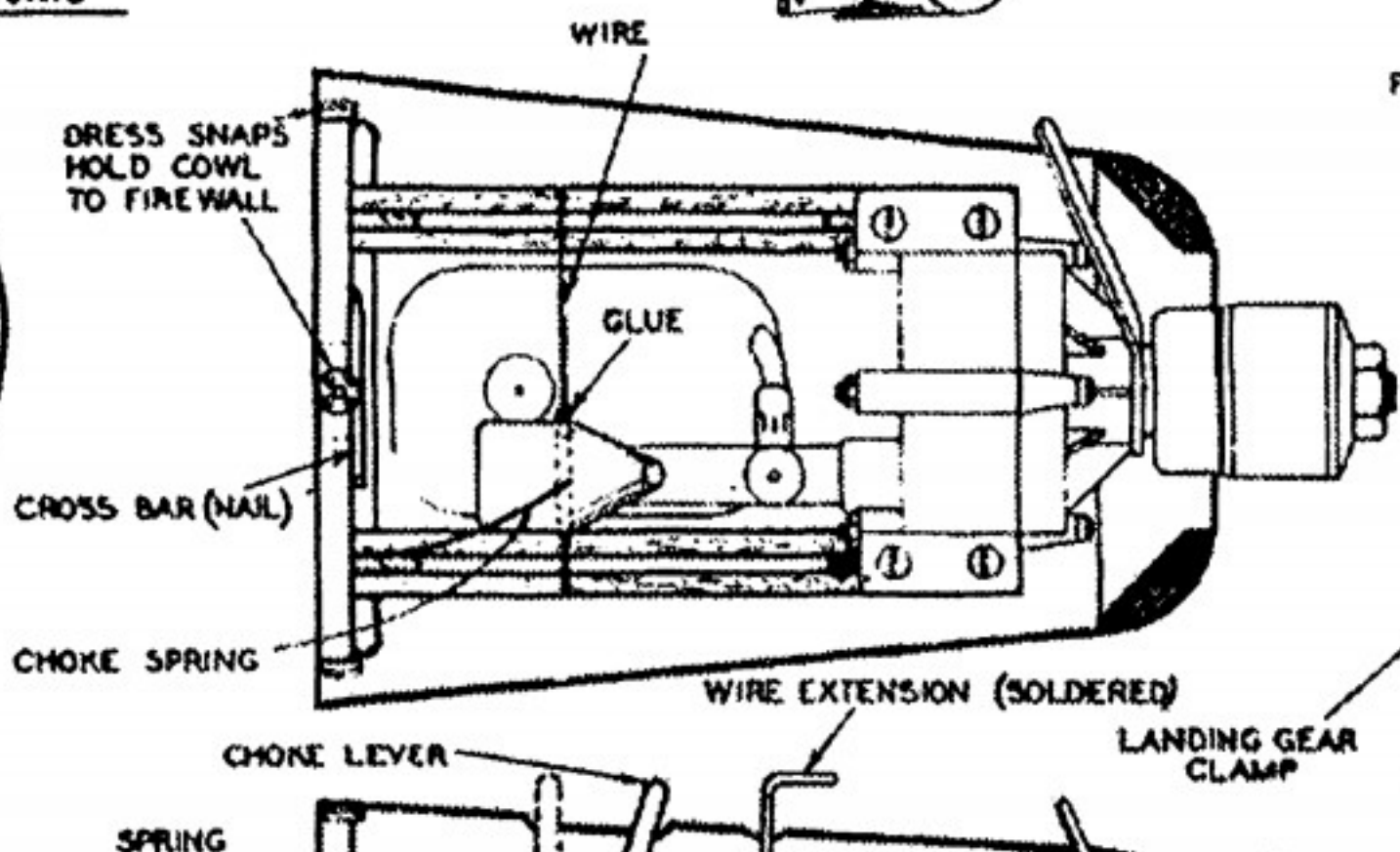
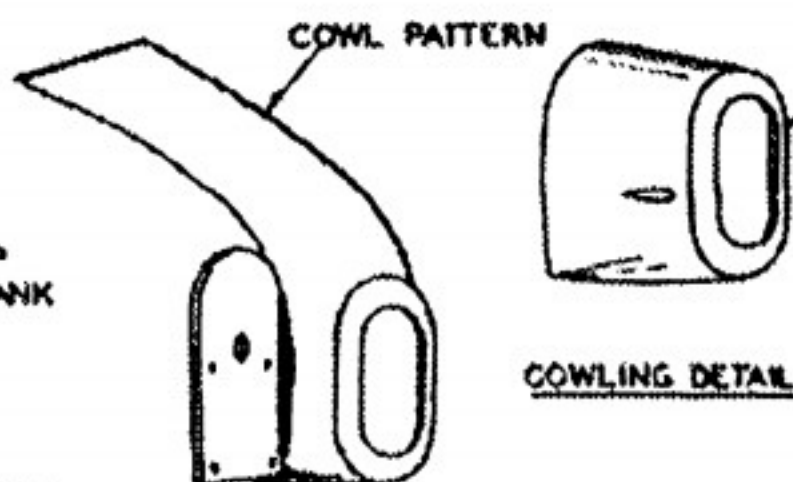
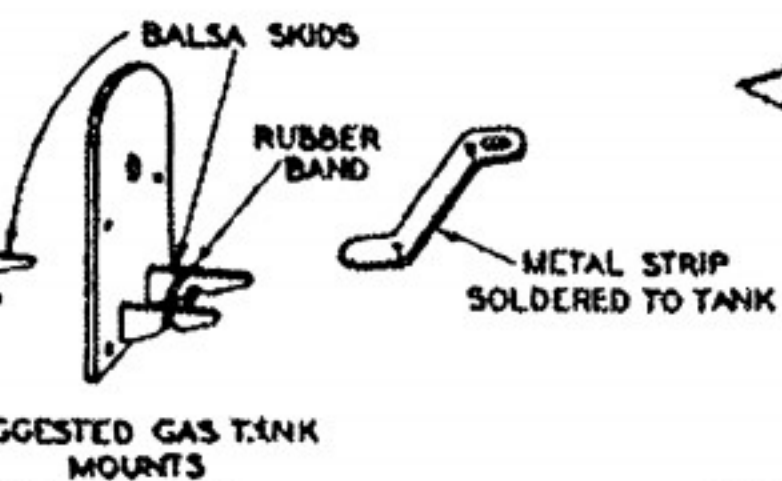
WHEN CONSTRUCTING
WING OVER PLAN,
RIBS HAVING UNDER
CAMBER WILL CAUSE
SPARS TO PROTRUDE.
TRIM SPARS
FLUSH AFTER WING
FRAMEWORK IS DRY



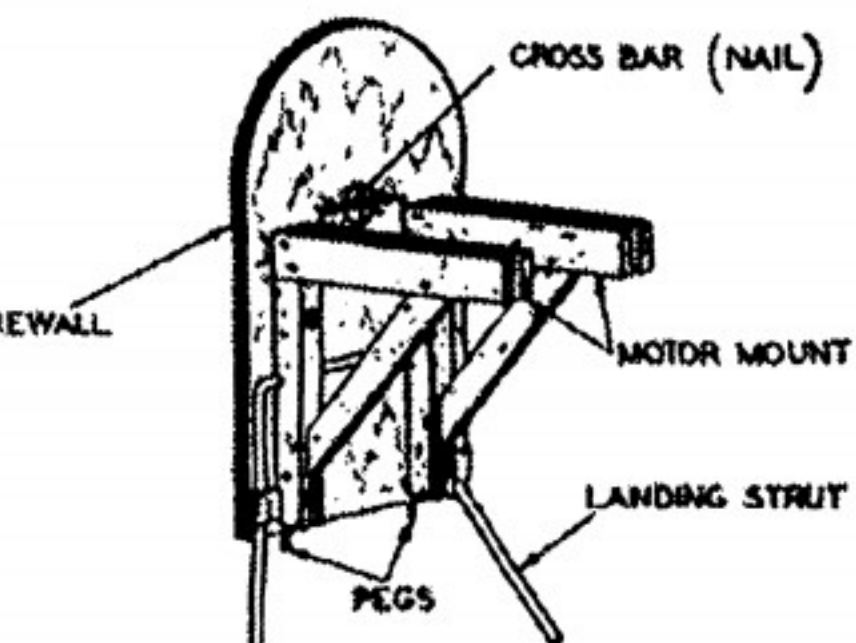




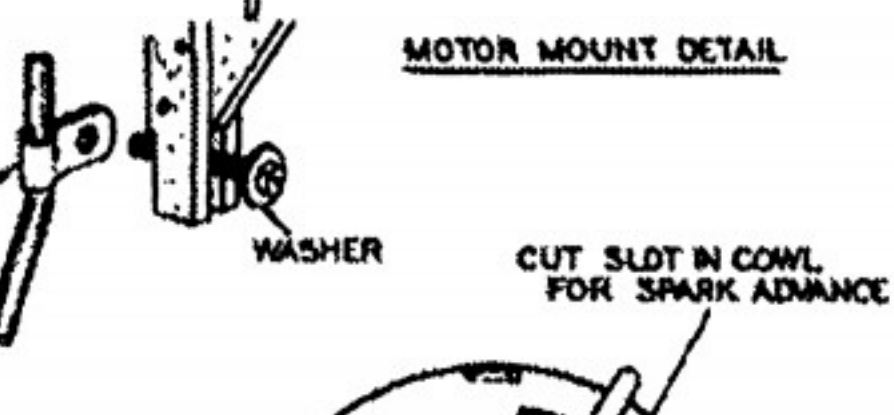




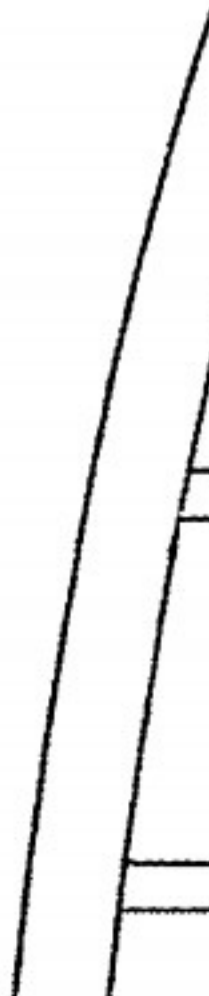
BALSA COWLING
FRONT

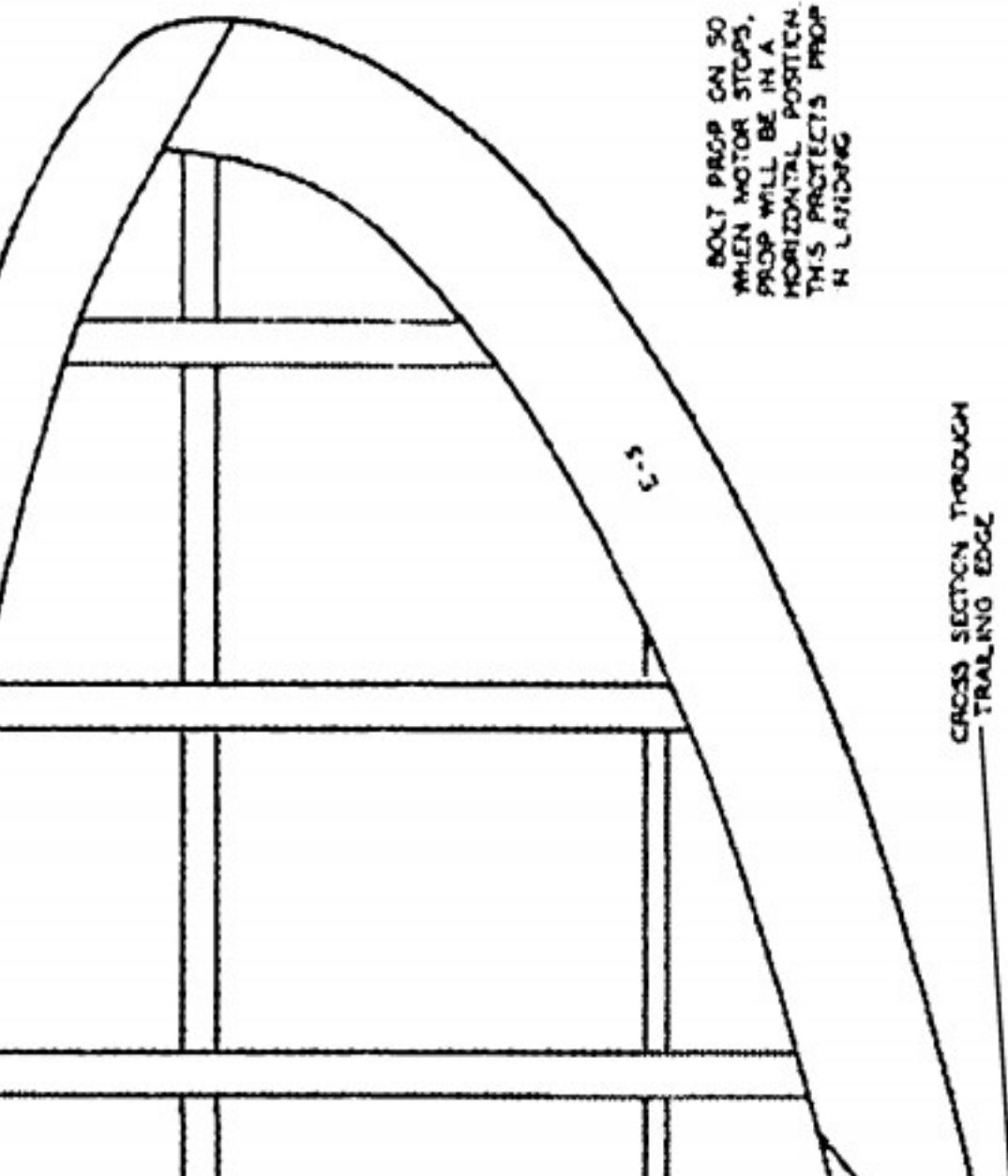


MOTOR MOUNT DETAIL



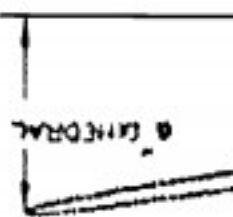
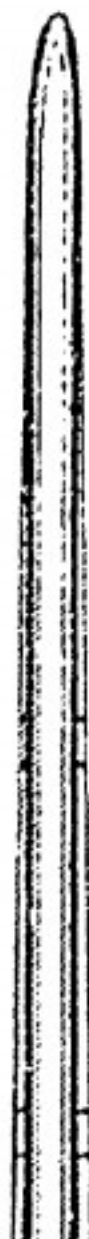
CROSS SECTION THROUGH
LEADING EDGE





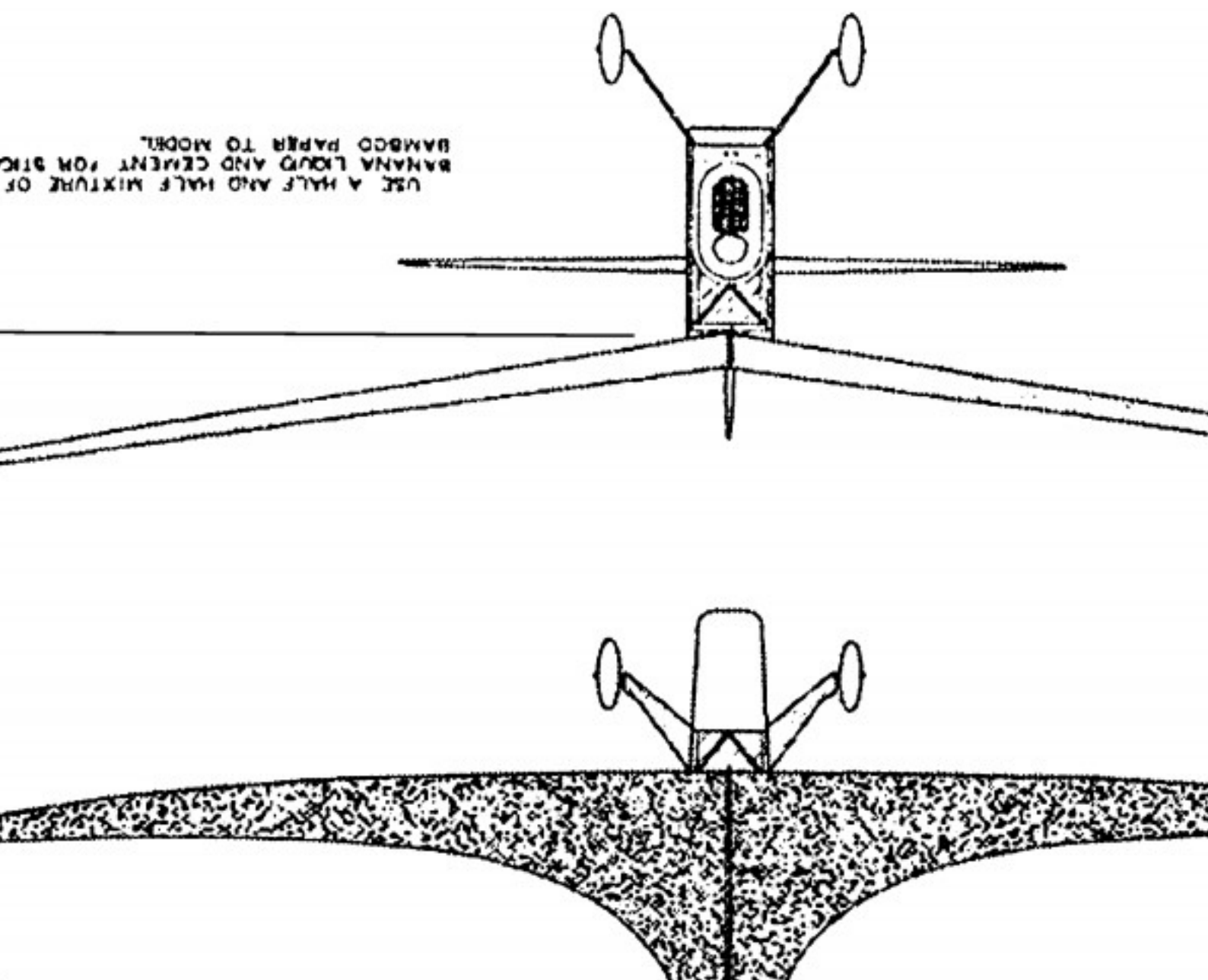
BOLT PROP CAN SO
WHEN MOTOR STOPS,
PROP WILL BE IN A
HORIZONTAL POSITION.
THIS PROTECTS PROP
IN LANDING

CROSS SECTION THROUGH
TRAILING EDGE

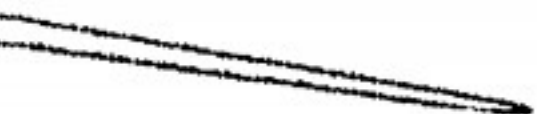


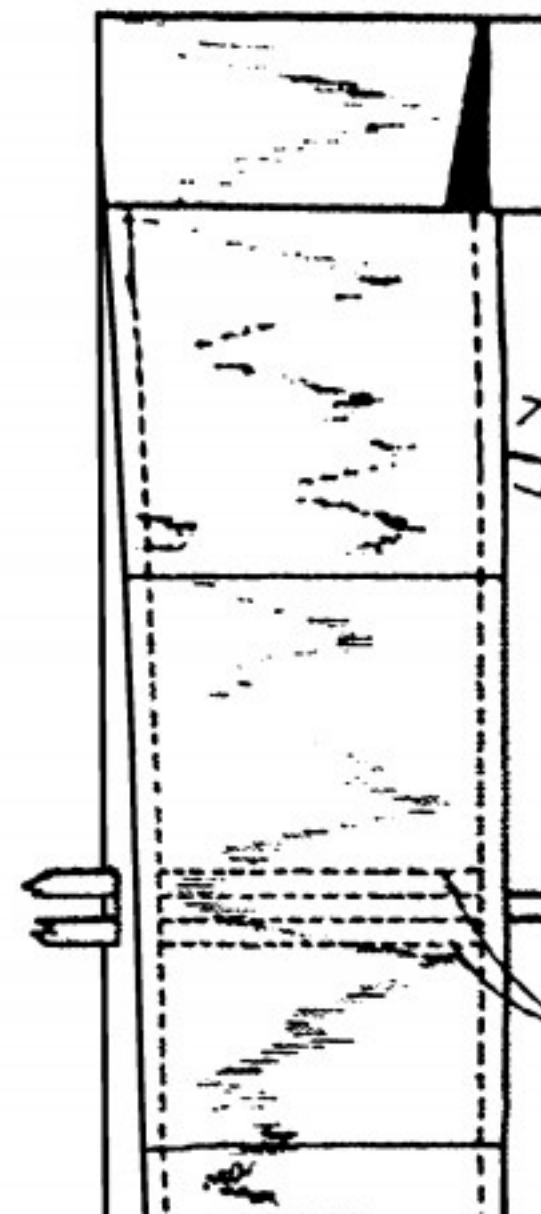
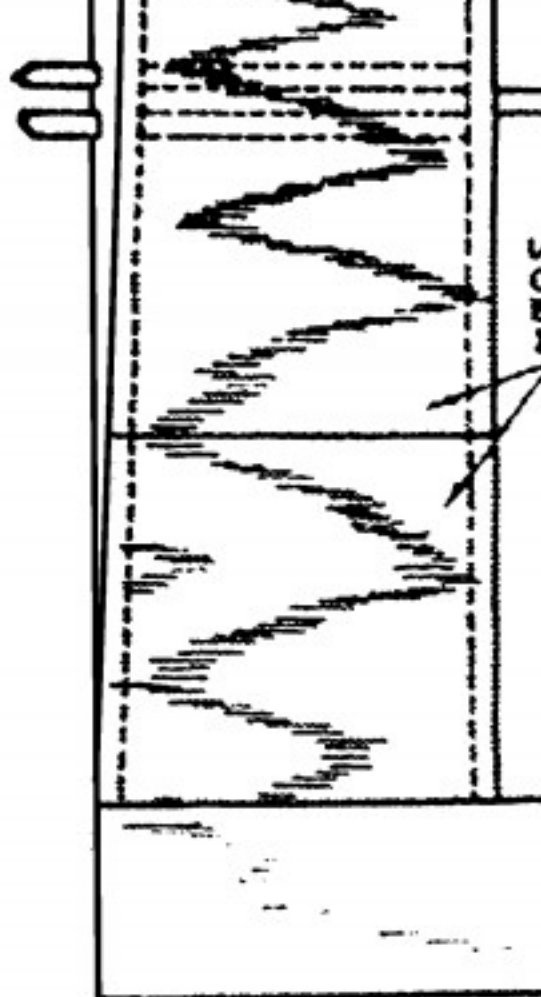
5-8

USE A HALF AND HALF MIXTURE OF
BANANA LIQUID AND CEMENT FOR STIC
BAMBOO PAPER TO MODEL.



NOTE: MASKING TAPE IS
HELPFUL IN PAINTING THE
COLOR DESIGNS ON MODEL.

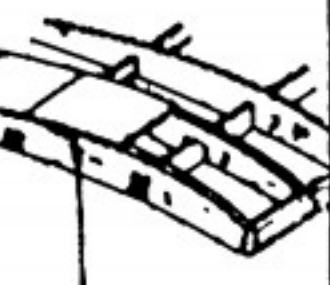




1/16" BALSA SHEET
COVERING ON TOP
BETWEEN RIBS
1 & 2

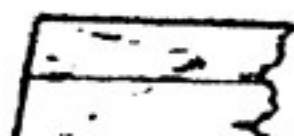
W-4

W-8

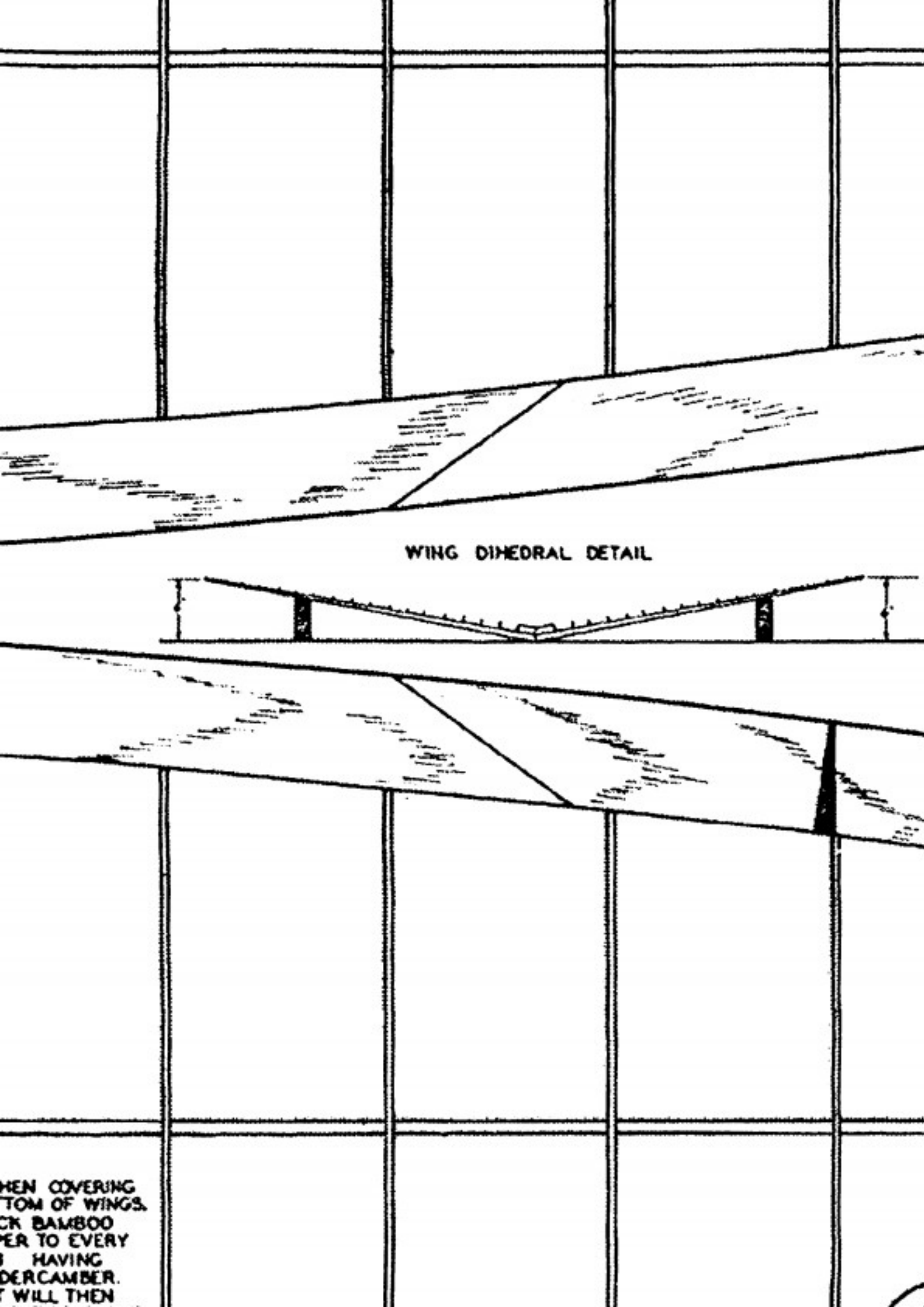


BALSA COVERING
OVER TOP OF RIBS
1 & 2

REAR SPAR
BRACES



W
BOT
STIC
PAP
RIB
UN
IT



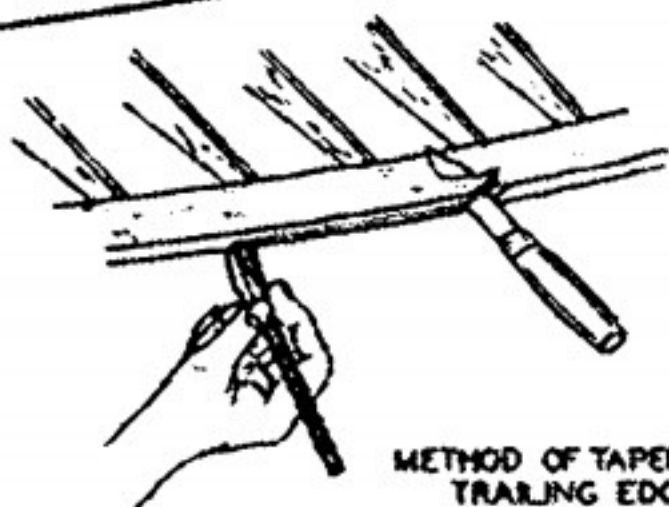
WING DIHEDRAL DETAIL

WHEN COVERING
BOTTOM OF WINGS,
BLACK BAMBOO
PER TO EVERY
HAVING
UNDERCAMBER.
IT WILL THEN

W-3

1/16"

NOTE: CUT OPENINGS IN COWL TO ACCOMMODATE CHOKE ARM, THROTTLE, AND SPARK ADVANCE LEVER OF THE MOTOR YOU ARE USING. OPENINGS FOR SPARK PLUG AND OTHER ALTERATIONS CAN BE COVERED WITH BALS STREAMLINED CAPS

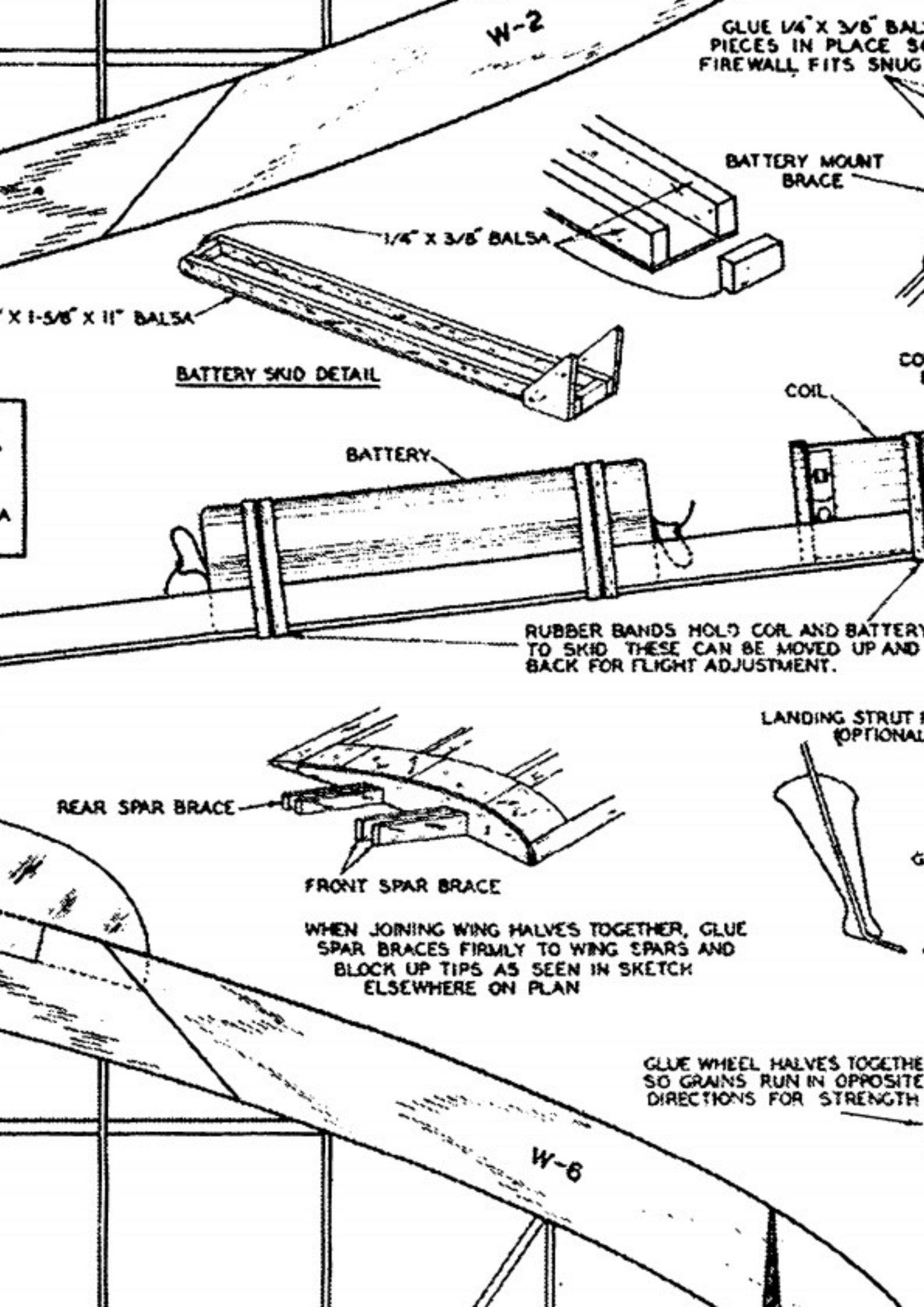


METHOD OF TAPERING TRAILING EDGE

ALUMINUM TRIM TAB

W-7





W-2

GLUE 1/4" X 3/8" BALSA
PIECES IN PLACE SO
FIREWALL FITS SNUG

BATTERY MOUNT
BRACE

1/4" X 3/8" BALSA

1-5/8" X 11" BALSA

BATTERY SKID DETAIL

BATTERY

COIL

RUBBER BANDS HOLD COIL AND BATTERY
TO SKID THESE CAN BE MOVED UP AND
BACK FOR FLIGHT ADJUSTMENT.

REAR SPAR BRACE

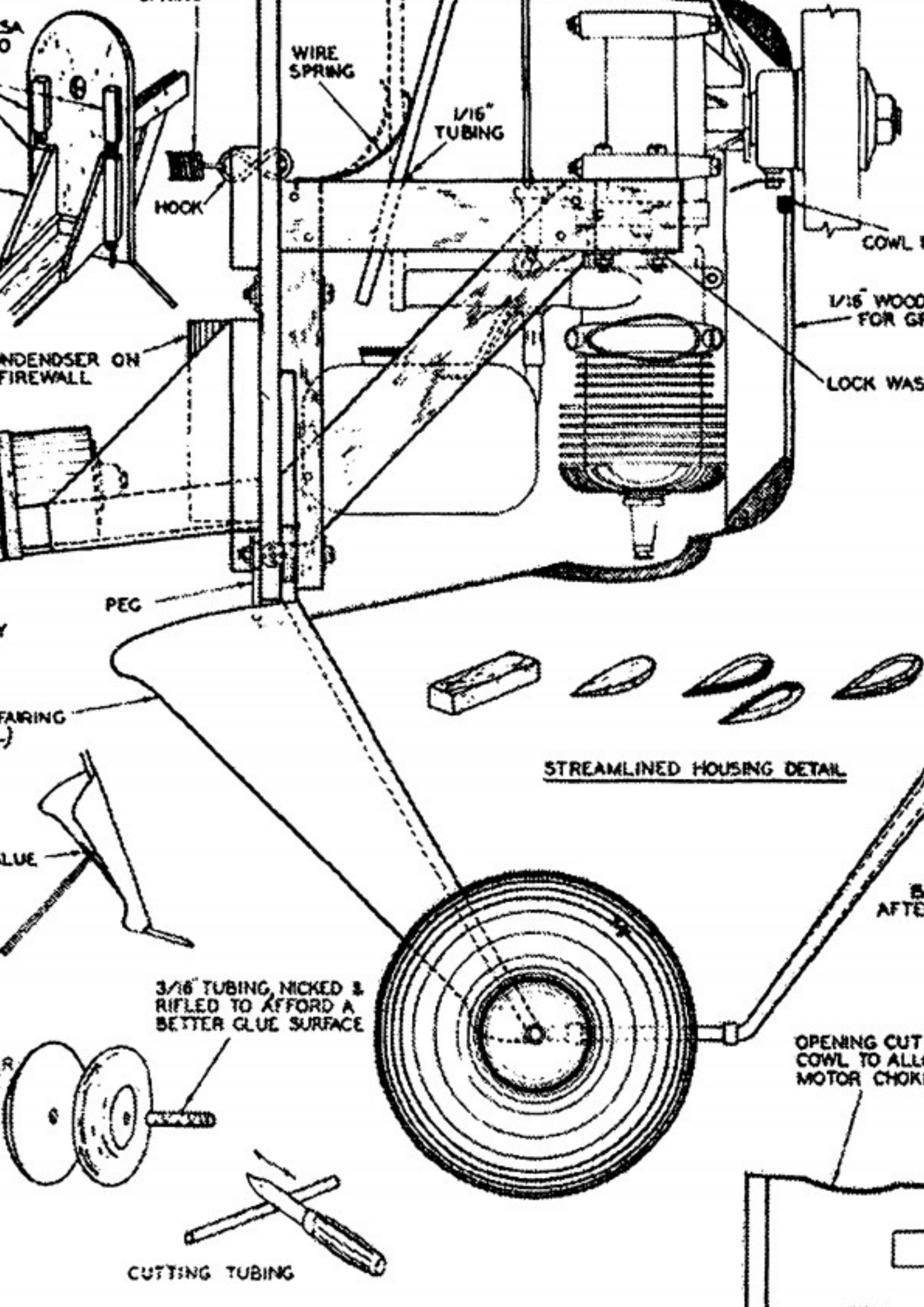
FRONT SPAR BRACE

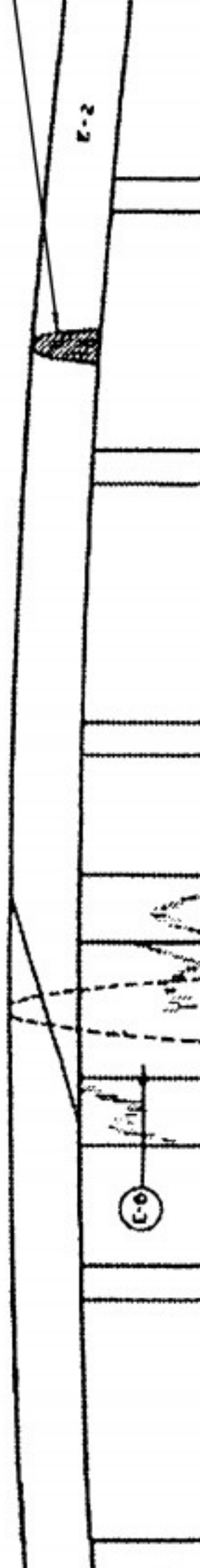
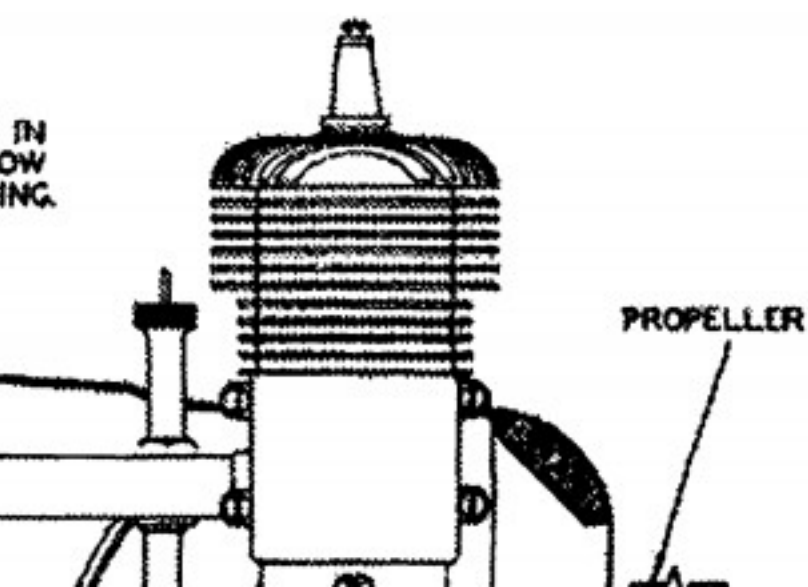
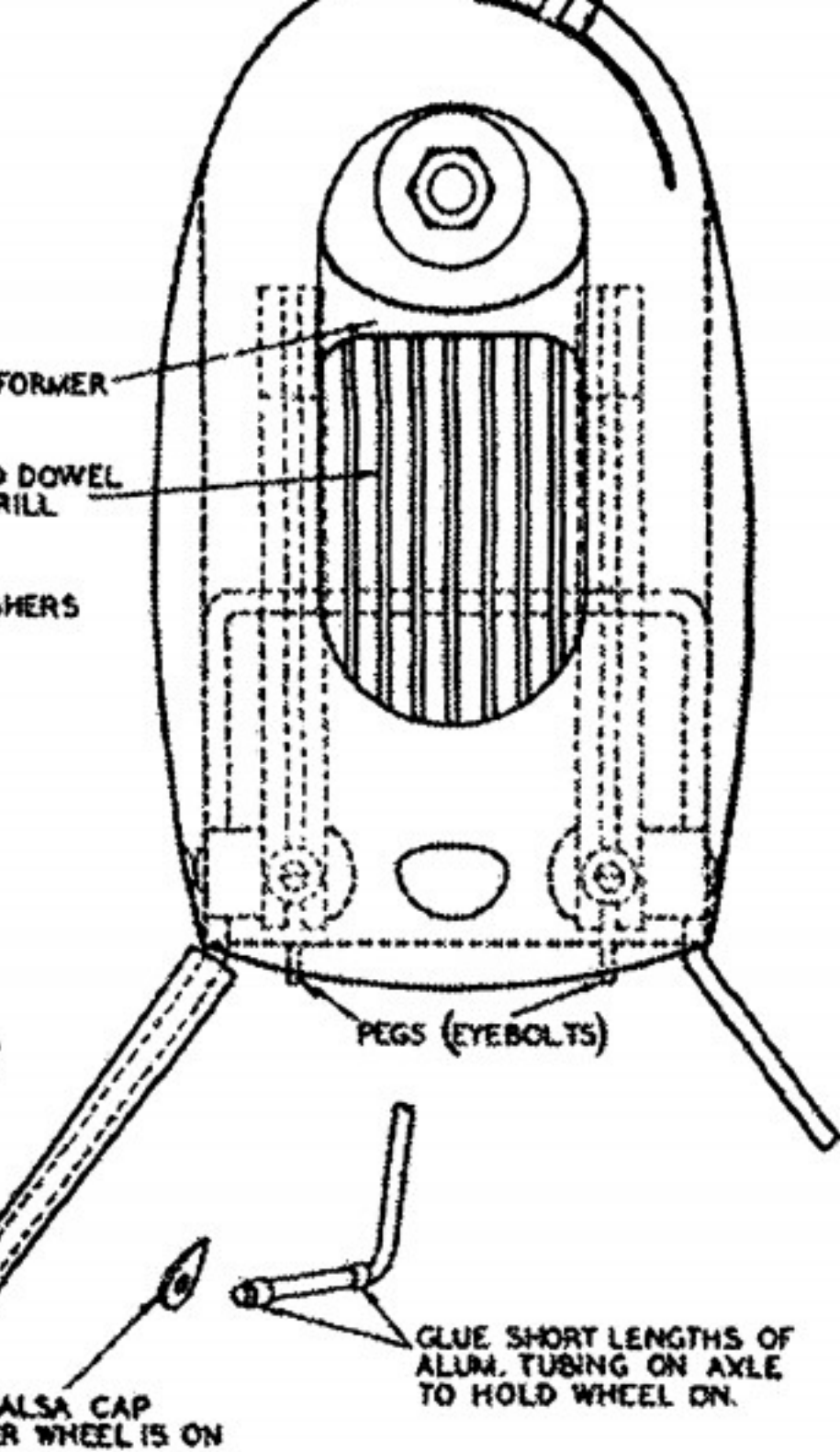
WHEN JOINING WING HALVES TOGETHER, GLUE
SPAR BRACES FIRMLY TO WING SPARS AND
BLOCK UP TIPS AS SEEN IN SKETCH
ELSEWHERE ON PLAN

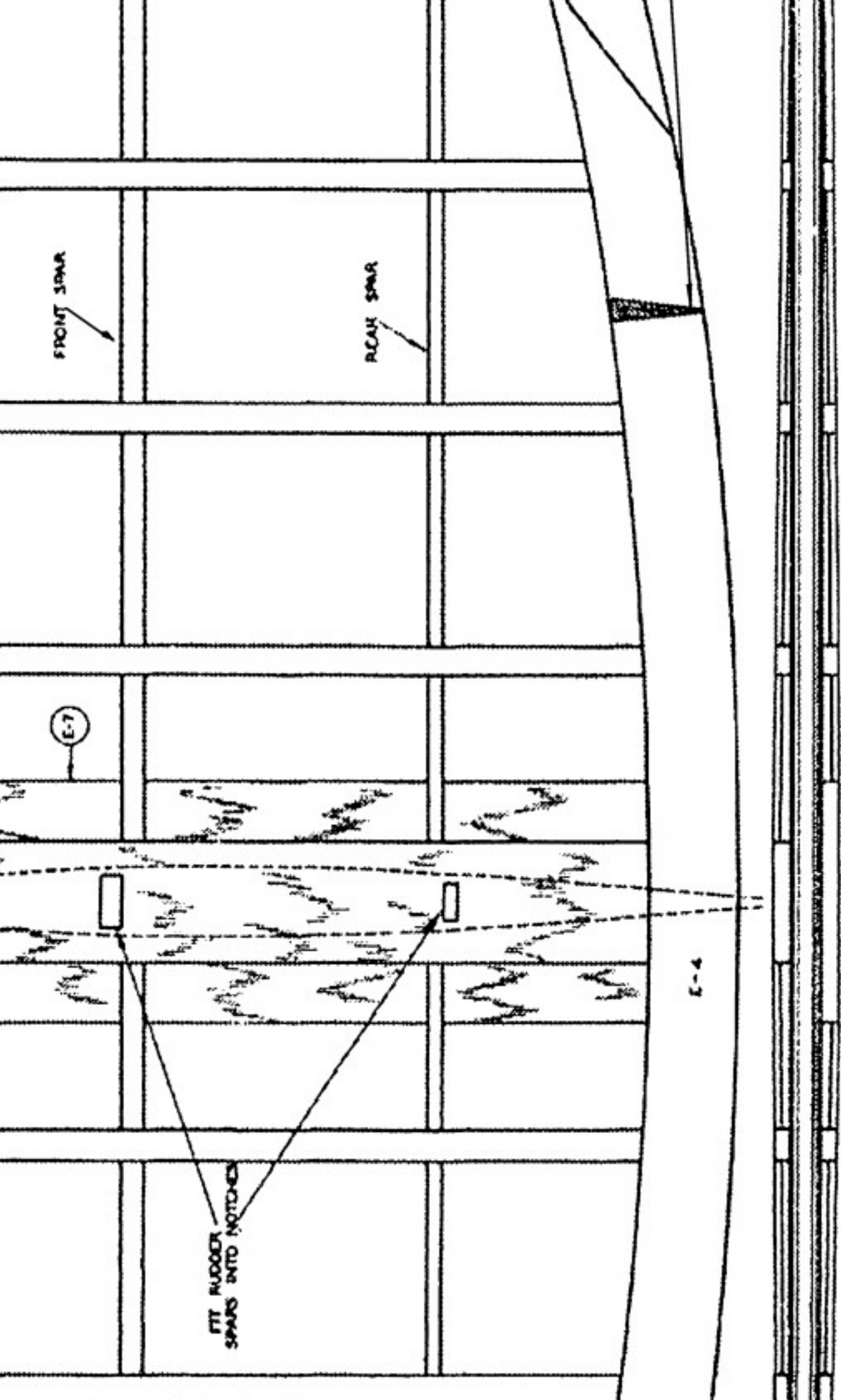
LANDING STRUT
(OPTIONAL)

GLUE WHEEL HALVES TOGETHER
SO GRAINS RUN IN OPPOSITE
DIRECTIONS FOR STRENGTH

W-6







FRONT VIEW OF ELEVATOR

7/8"

FRONT SPAR

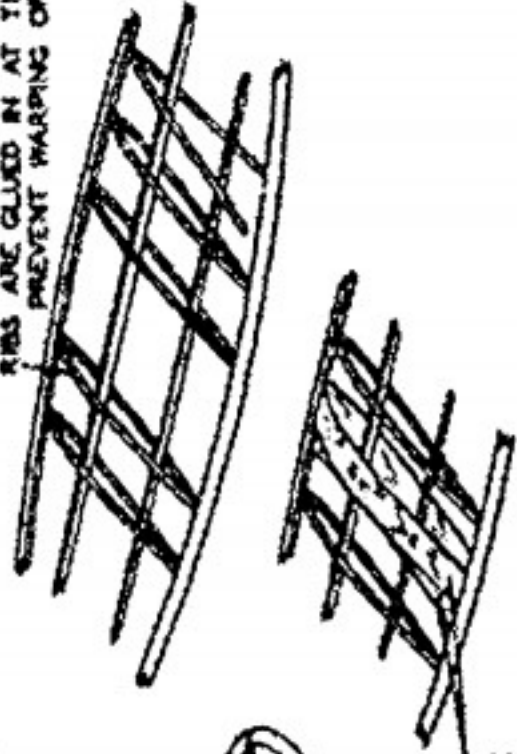
1 5/32"

ELEVATOR SPARS

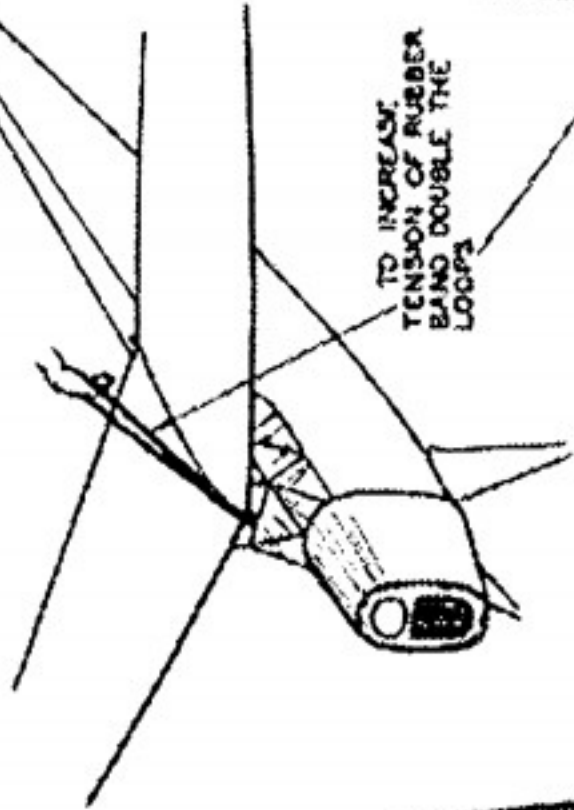
3/16"

REAR SPAR

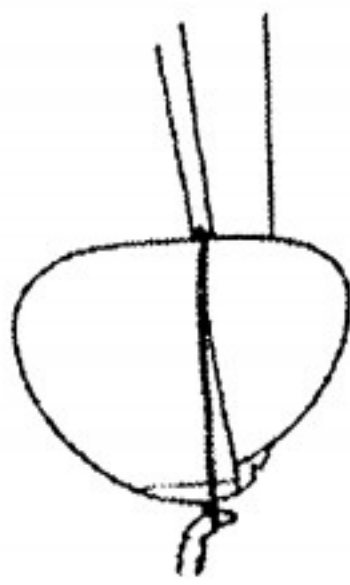
GLUE RIBS FIRST TO THE LEADING EDGE AND FRONT SPAR. WHEN DRY, GLUE TO REAR SPAR AND TRAILING EDGE. TOP AND BOTTOM RIBS ARE GLUED IN AT THE SAME TIME TO PREVENT WARPING OF ELEVATOR.



TO INCREASE TENSION OF RUBBER BAND DOUBLE THE LOOPS

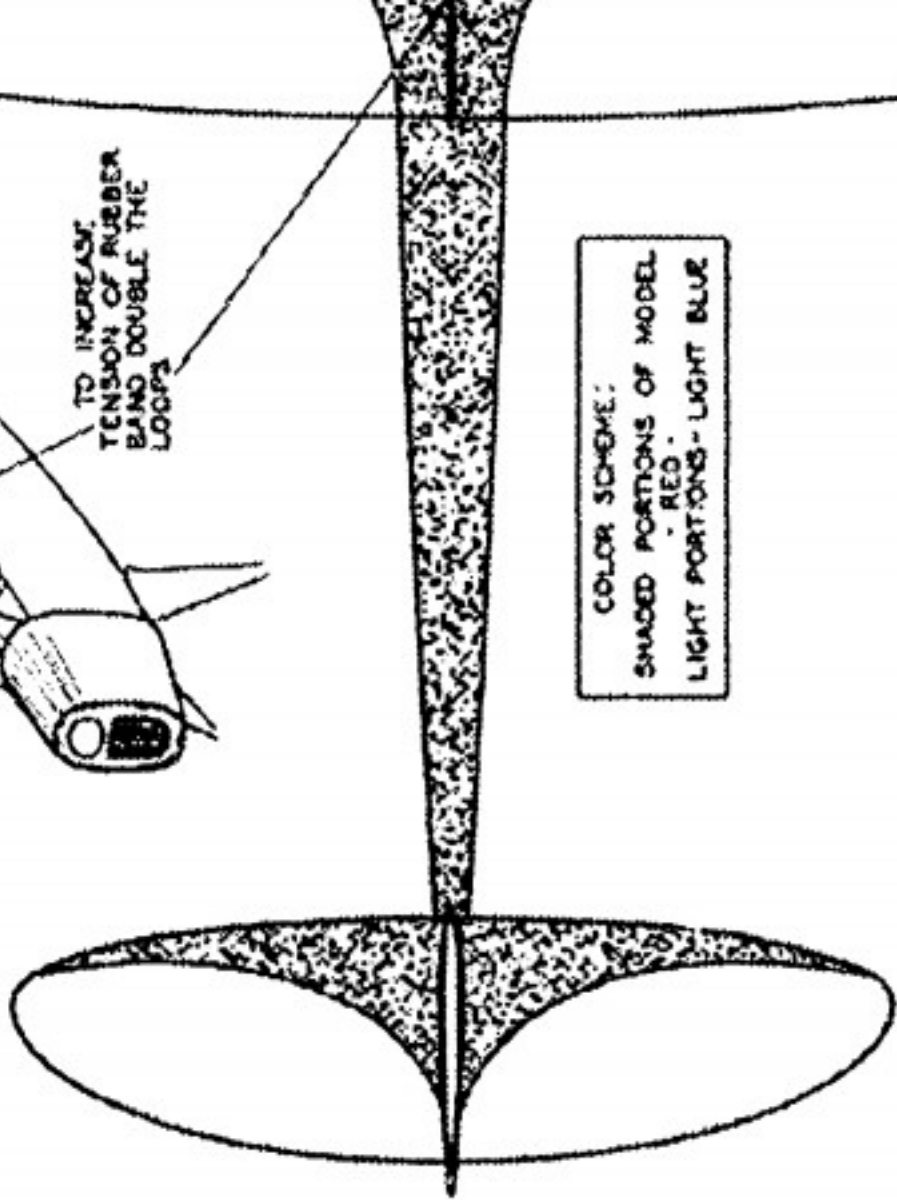


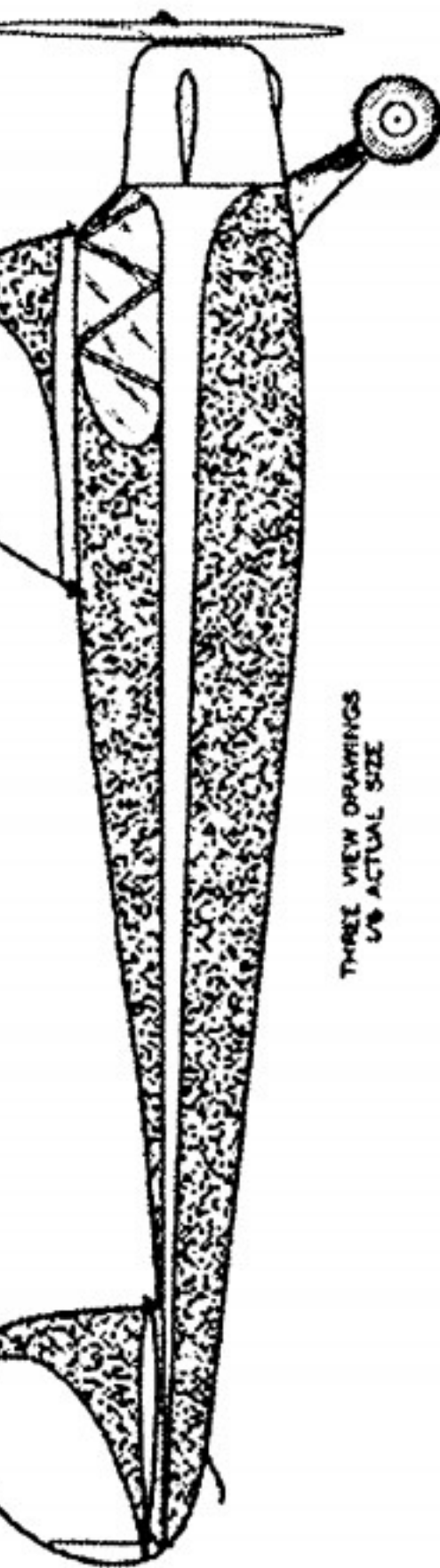
SKETCH BELOW SHOWS METHOD OF MOUNTING TAIL UNIT.



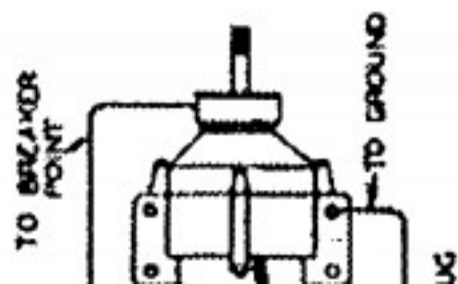
R IN WHICH THE IL UNIT IS HELD IN S THEM TO DETACH SEelage AT A HEAVY PREVENTING ANY

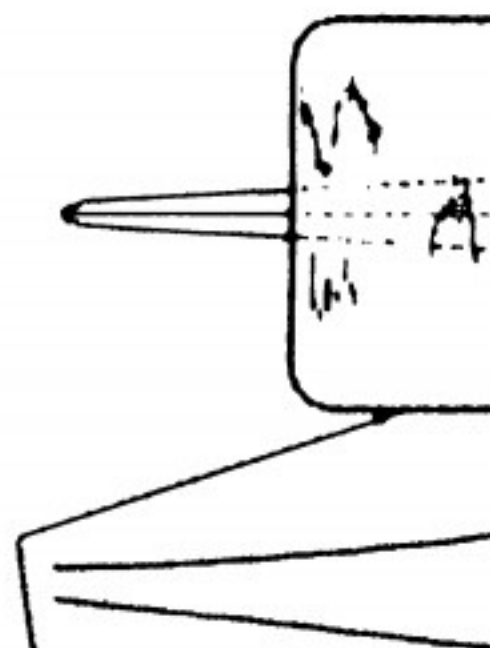
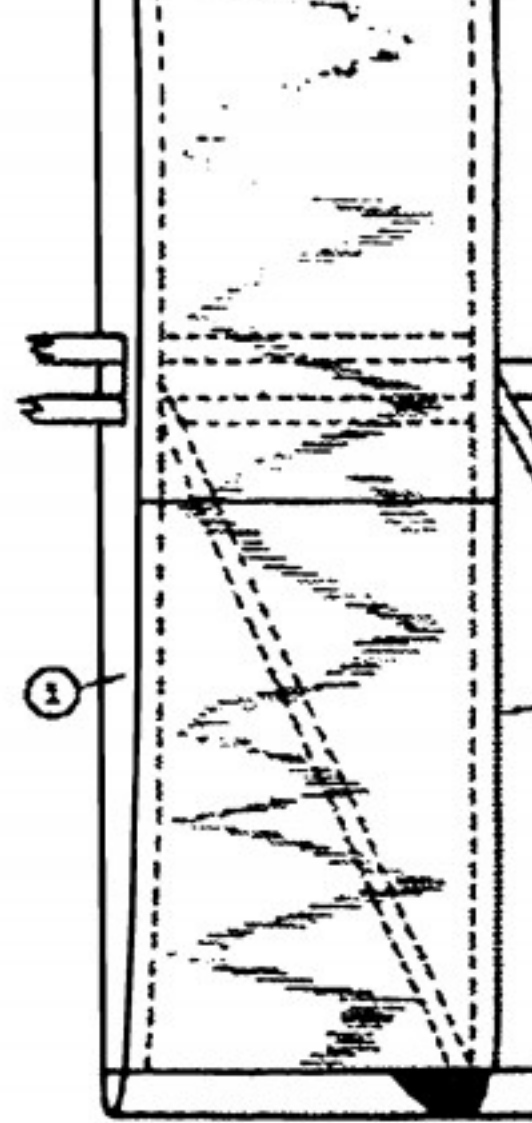
COLOR SCHEME:
SHADED PORTIONS OF MODEL - RED -
LIGHT PORTIONS - LIGHT BLUE





THREE VIEW DRAWINGS
 1/8" ACTUAL SIZE

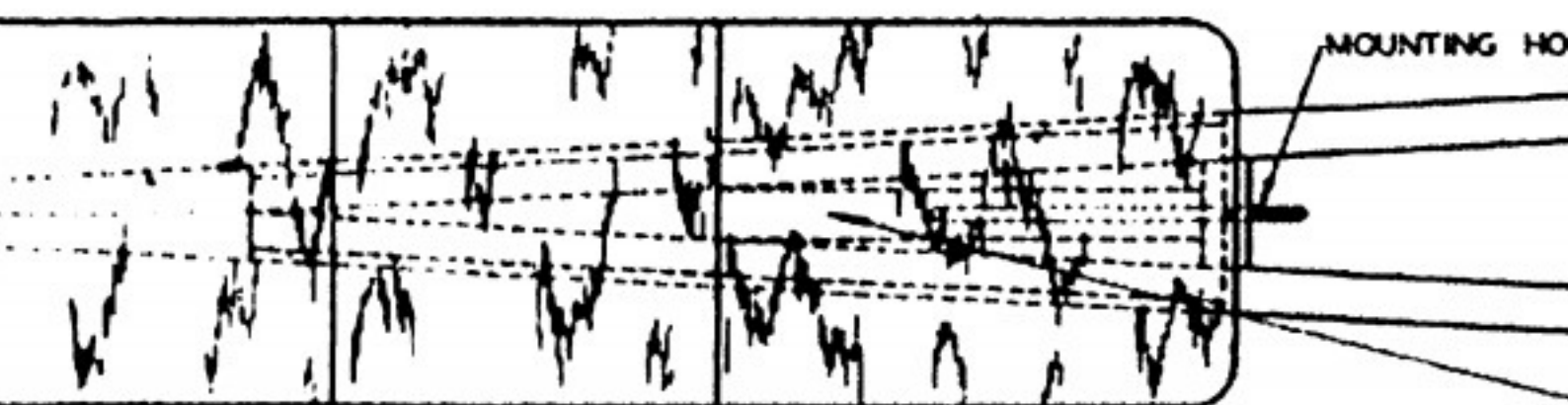
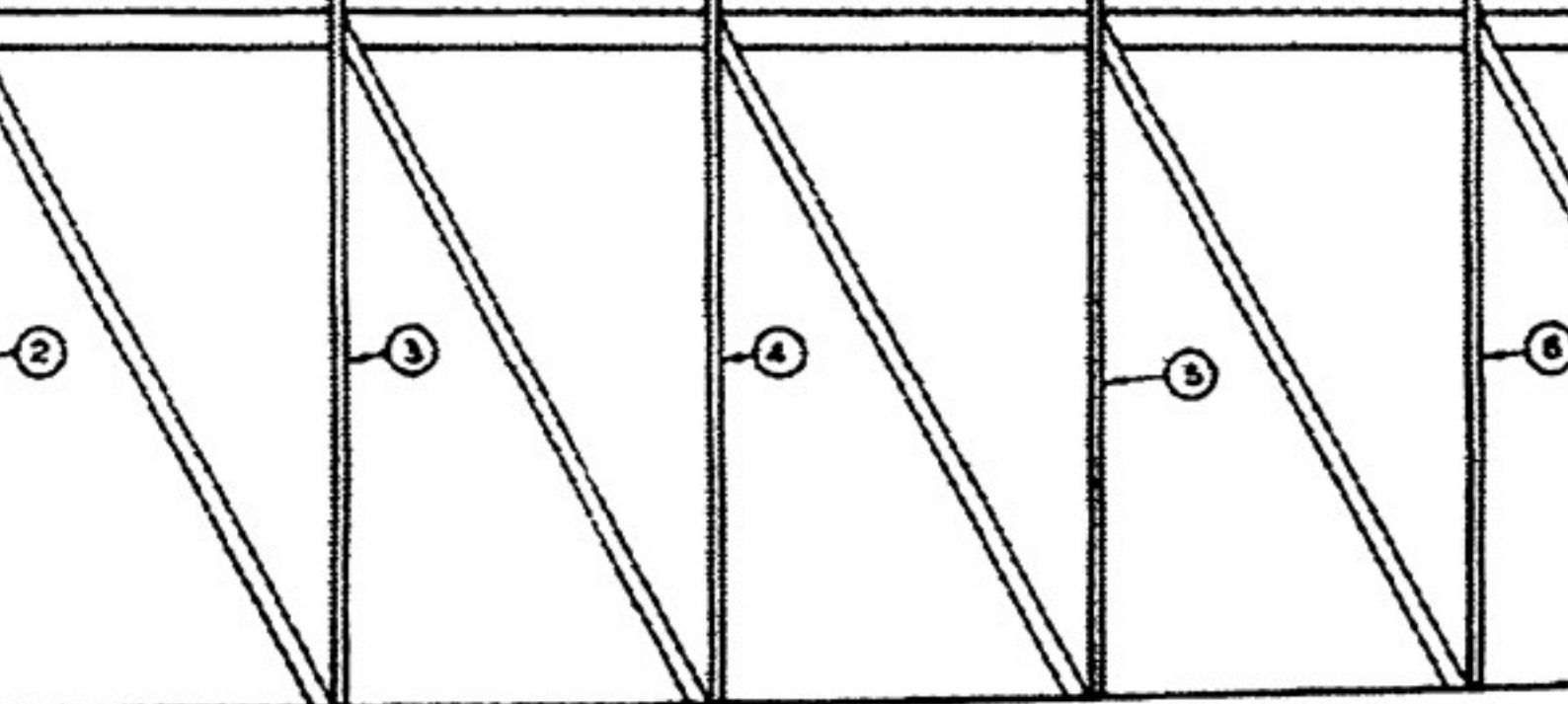




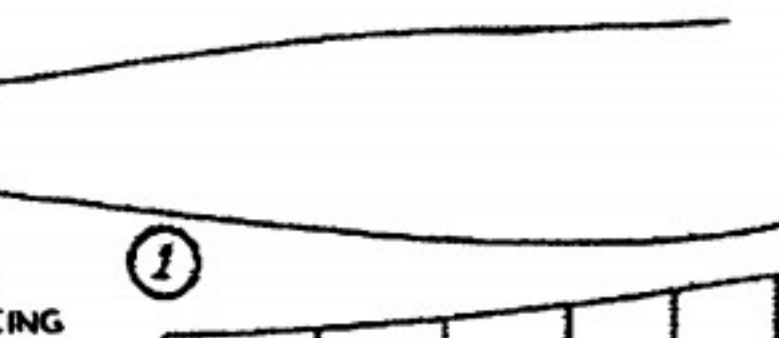
GLUE CRADLE PIECES
TOGETHER BEFORE PLAC
CRADLE IN POSITION

CUT TAIL BLOCK FR
PRINTED SHEET AND C
THEN GLUE TO FLISE

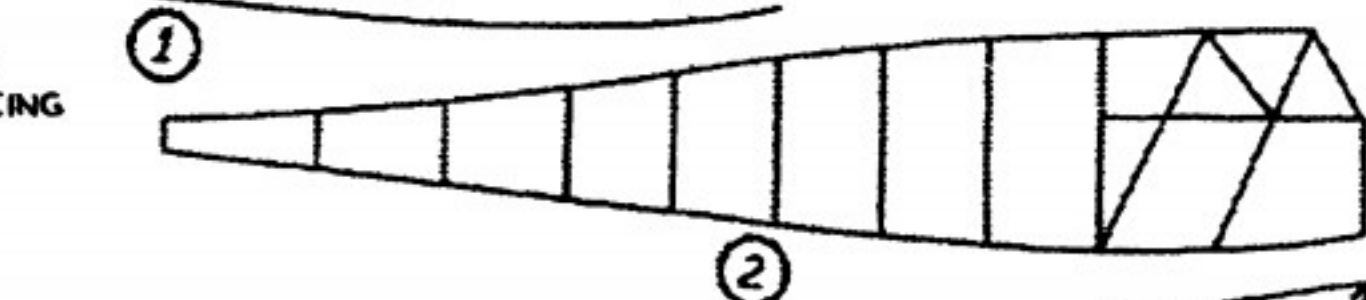
CUT ENDS OF
WING SPARS TO
THIS ANGLE



1. PLACE $\frac{1}{4}$ " SQ. BALSA LONGERONS
OVER PLAN, AND HOLD IN PLACE WITH
PINS.



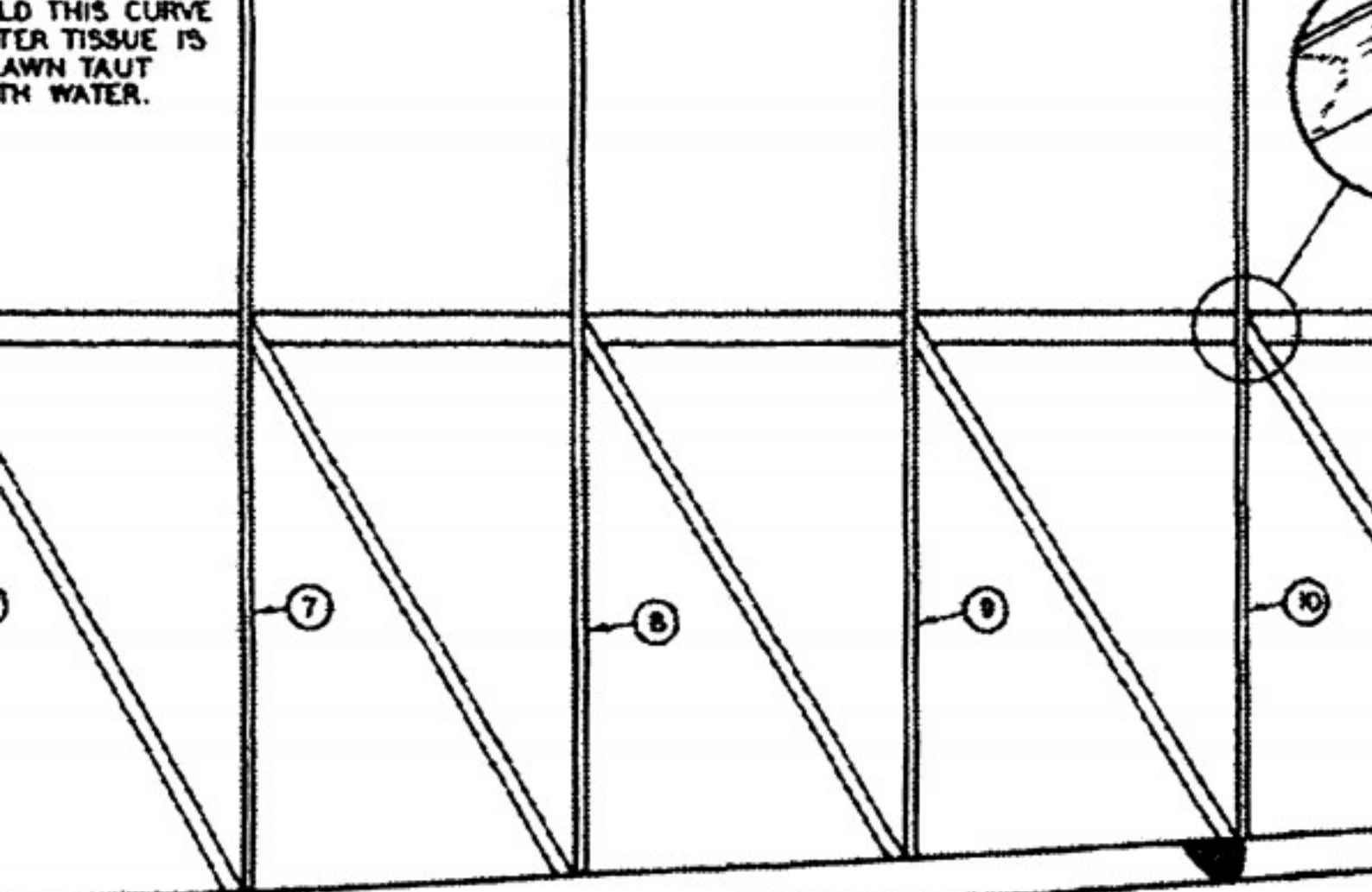
2-3. GLUE
BRACES TO
NOTES
RIGHT AND
STRUCION



FROM 1/8"
GLUE TOGETHER.
SHAPE AND SHAPE



ED THIS CURVE
TER TISSUE IS
AWN TAUT
TH WATER.



OK

GLUE MOUNTING HOOK
TO 1/4" SQ. STRIP

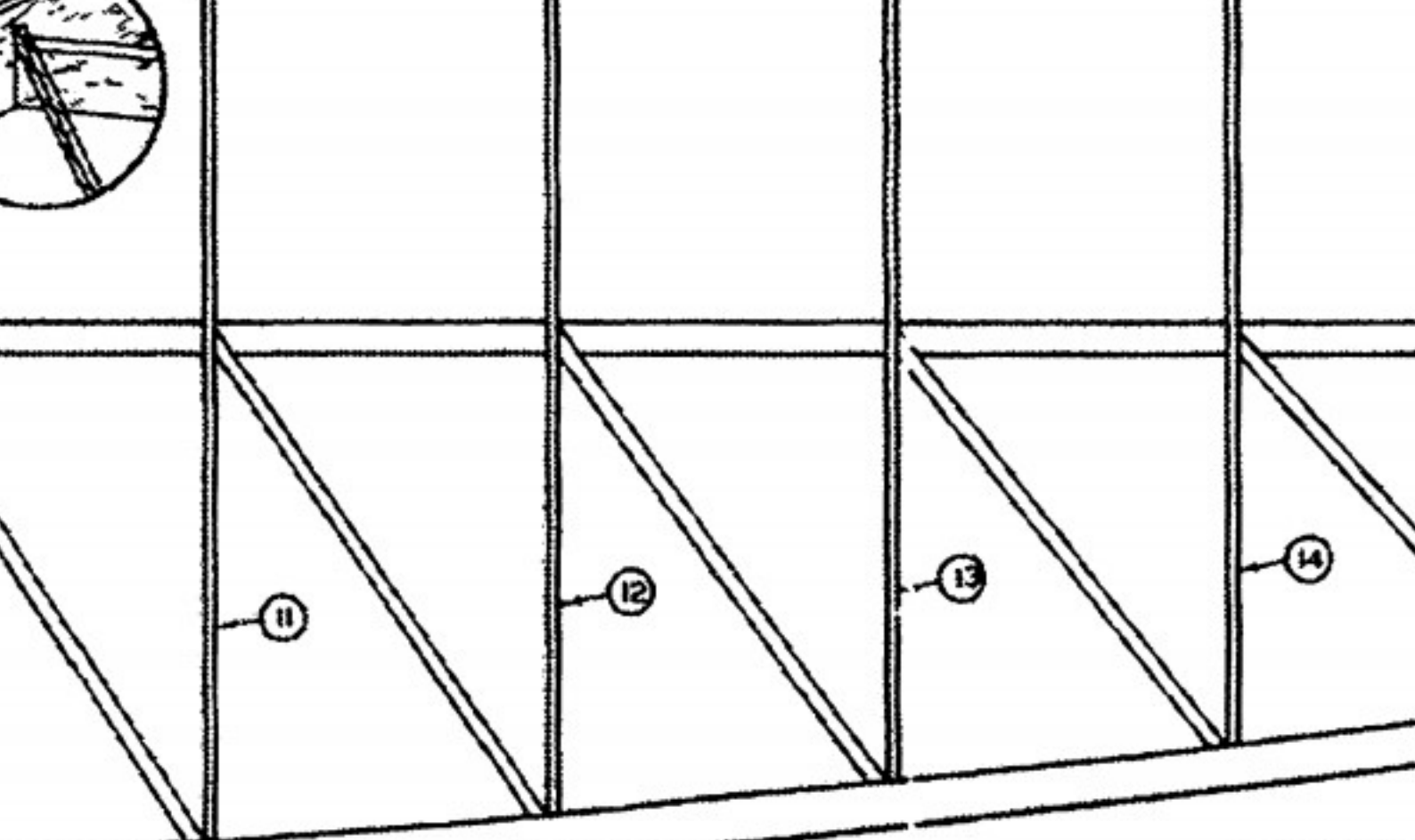
E IN SPACERS AND CROSS
O COMPLETE FUSELAGE SIDE.
E SLIGHT DIFFERENCE IN THE
LEFT FUSELAGE SIDE CON-
I. (SEE SKETCH AT RIGHT)



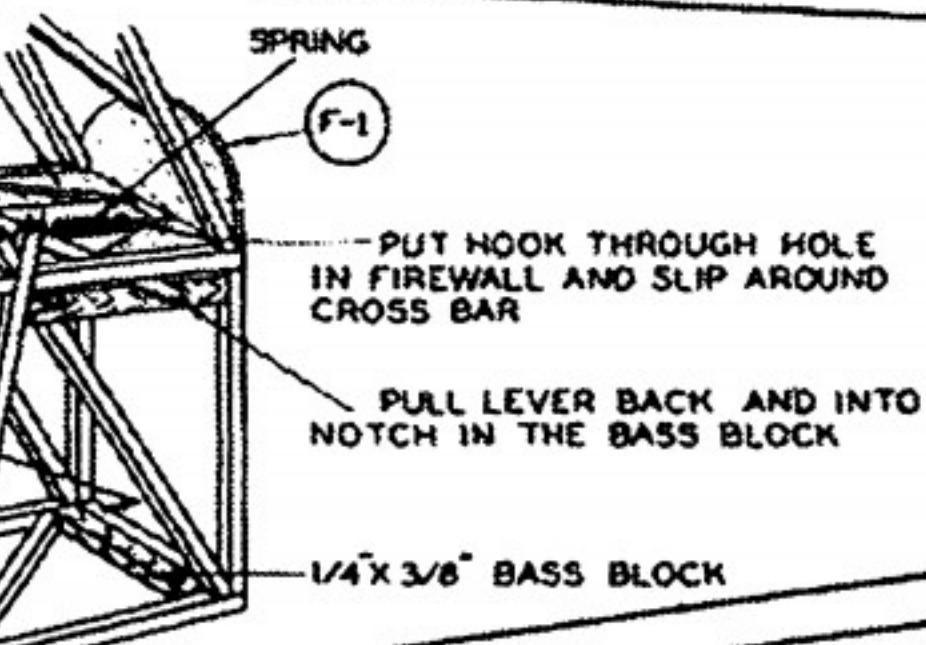
SLOTTED BASS BLOCK
GLUED ON LEFT SIDE OF
FUSELAGE SERVES AS
PIVOT BASE FOR LEVER

NOTCH THE 1/4" SQ.
STRIP FOR THE FIRE-
WALL PEGS

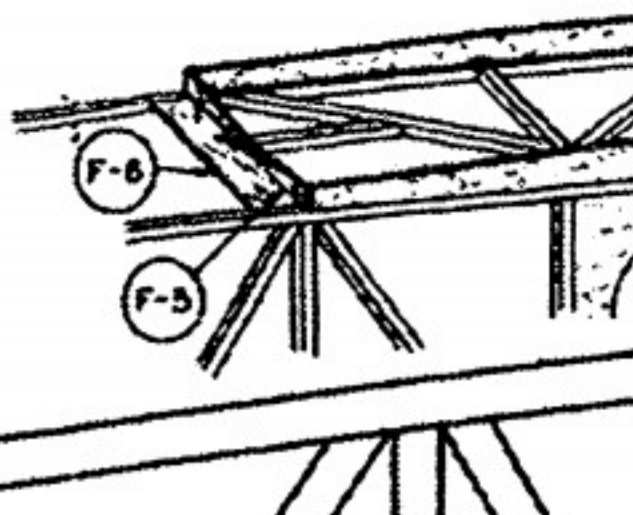


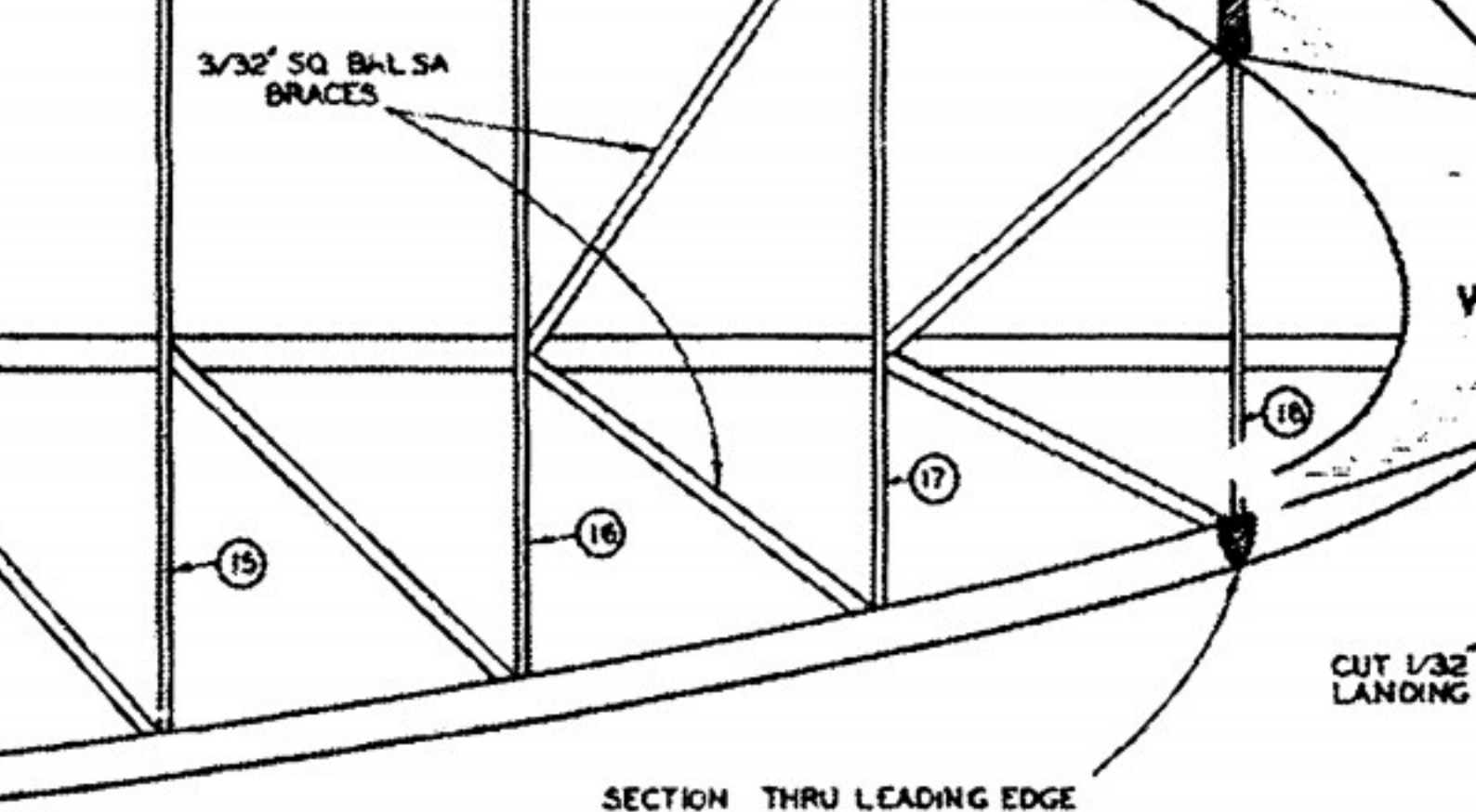


PUSH PINS IN
LEADING EDGE

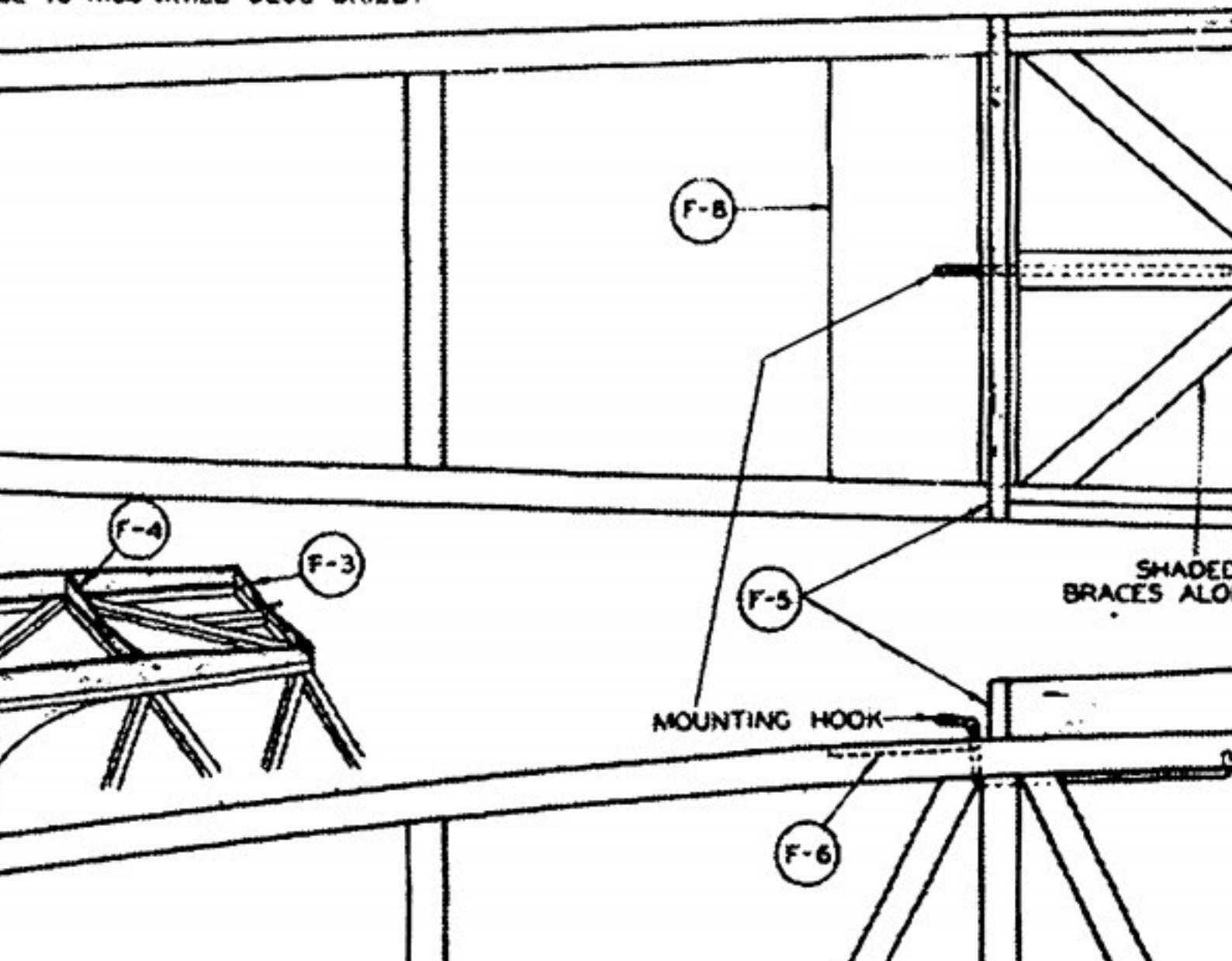


WING MOUNT ARRANGEMENT





INTO WORK BOARD AT INTERVALS TO HOLD
GE TO RIBS WHILE GLUE DRIES.



V-5

NOTCH IN FOR
GEAR CLAMP

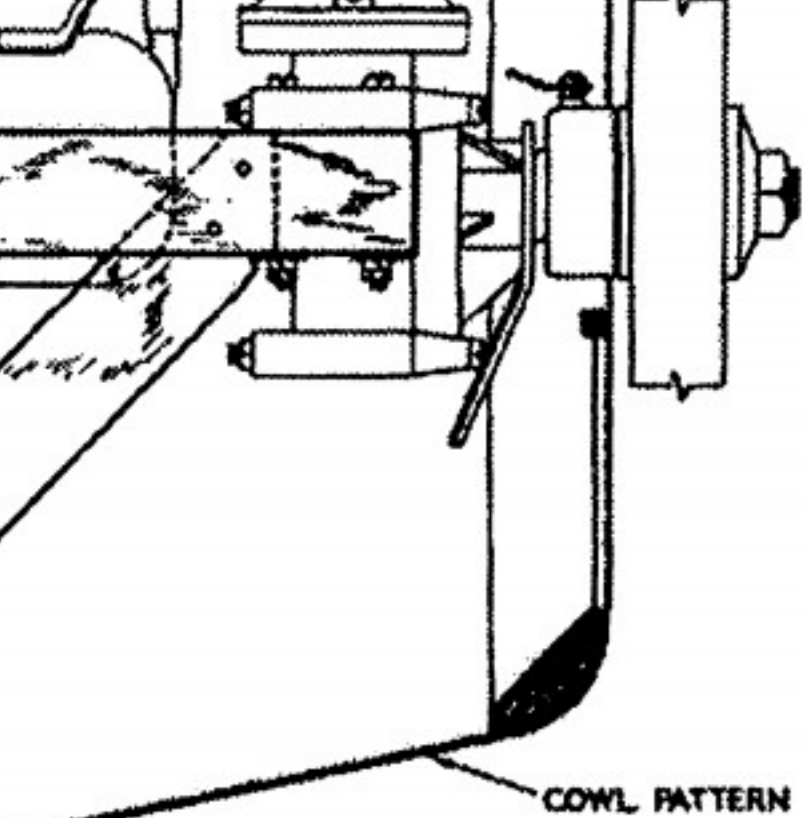
WASHER

ASSEMBLE EACH MOTOR MOUNT OVER
PLAN. DRIVE TWO NAILS IN EACH JOINT
AFTER GLUING FIRMLY. THEN BEND
POINTS OVER

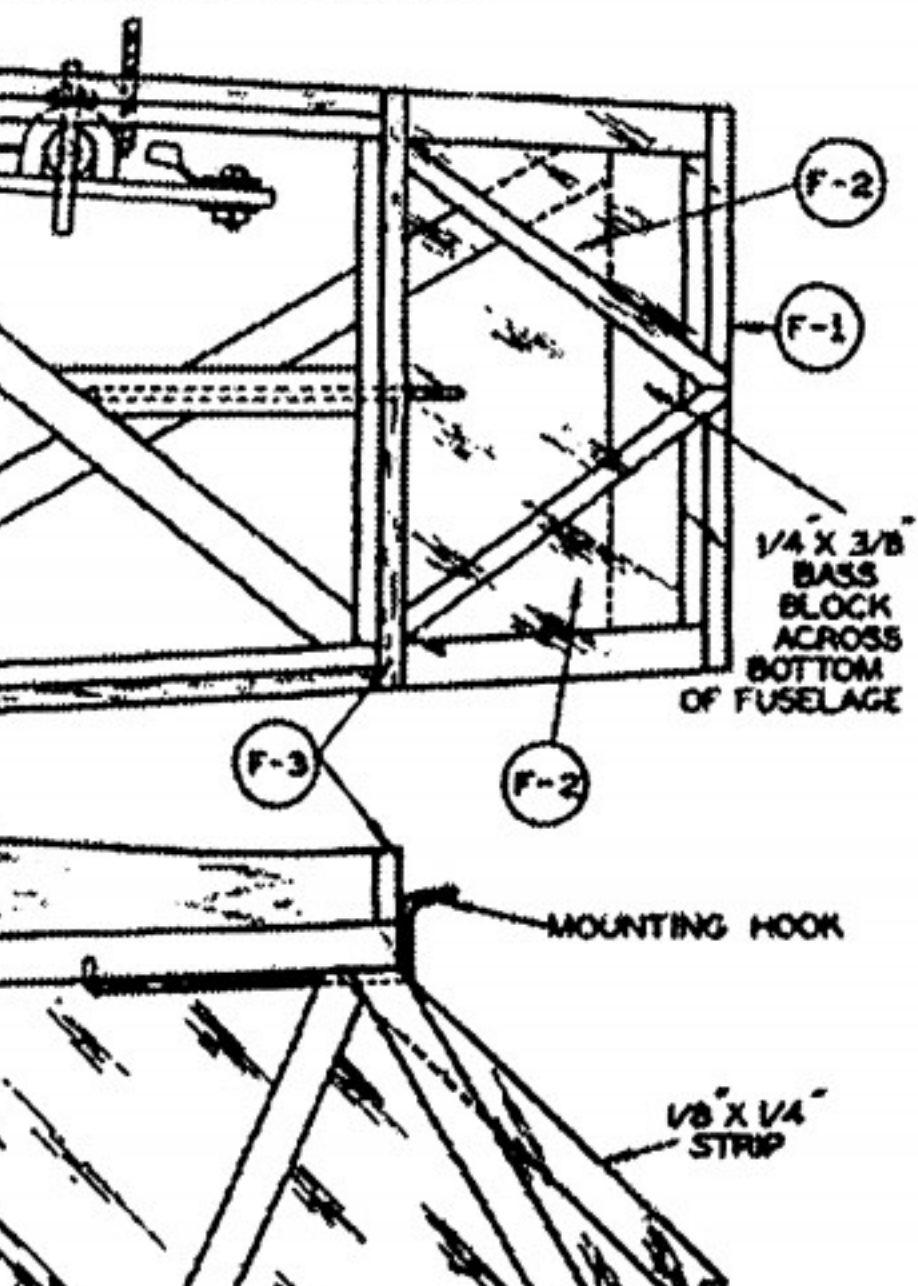
1/4" STRIPS ARE
ALONG BOTTOM OF FUSELAGE

WING MOUNT

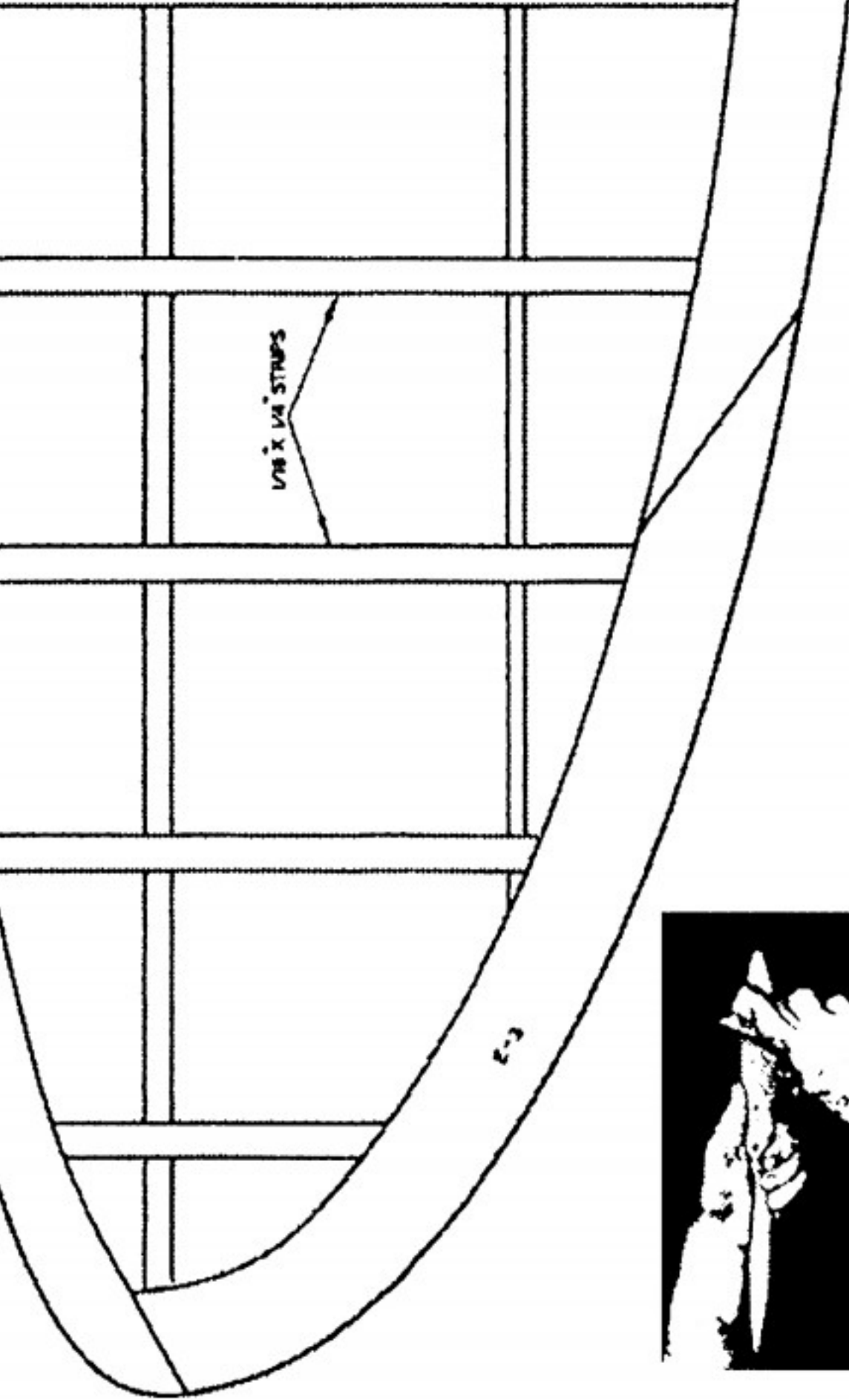
F-4



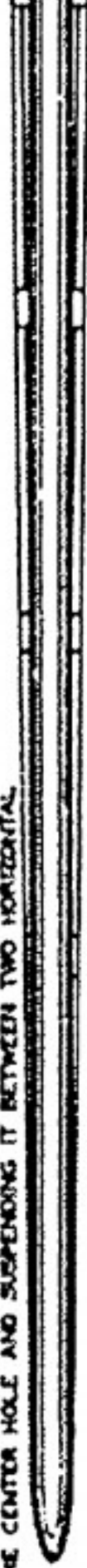
UPRIGHT MOTOR MOUNTING



1-3



STEP 4.
BALANCE THE PROP BY PUSHING A DOWEL OR OTHER ROUND OBJECT THROUGH THE CENTER HOLE AND SUSPENDING IT BETWEEN TWO HORIZONTAL OBJECTS.



ELEVATOR CONSTRUCTION



SHOWN
AND
ING A



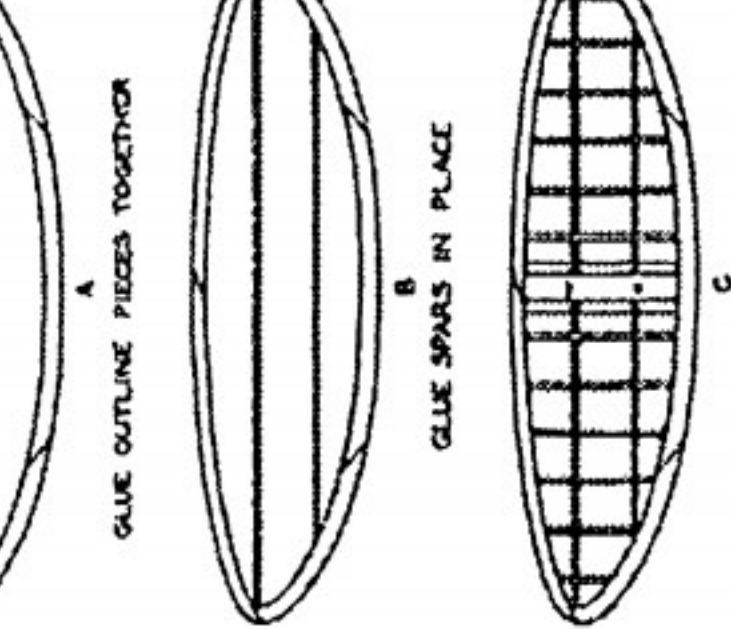
OF
VER.
H ROUGH
BLOCK.



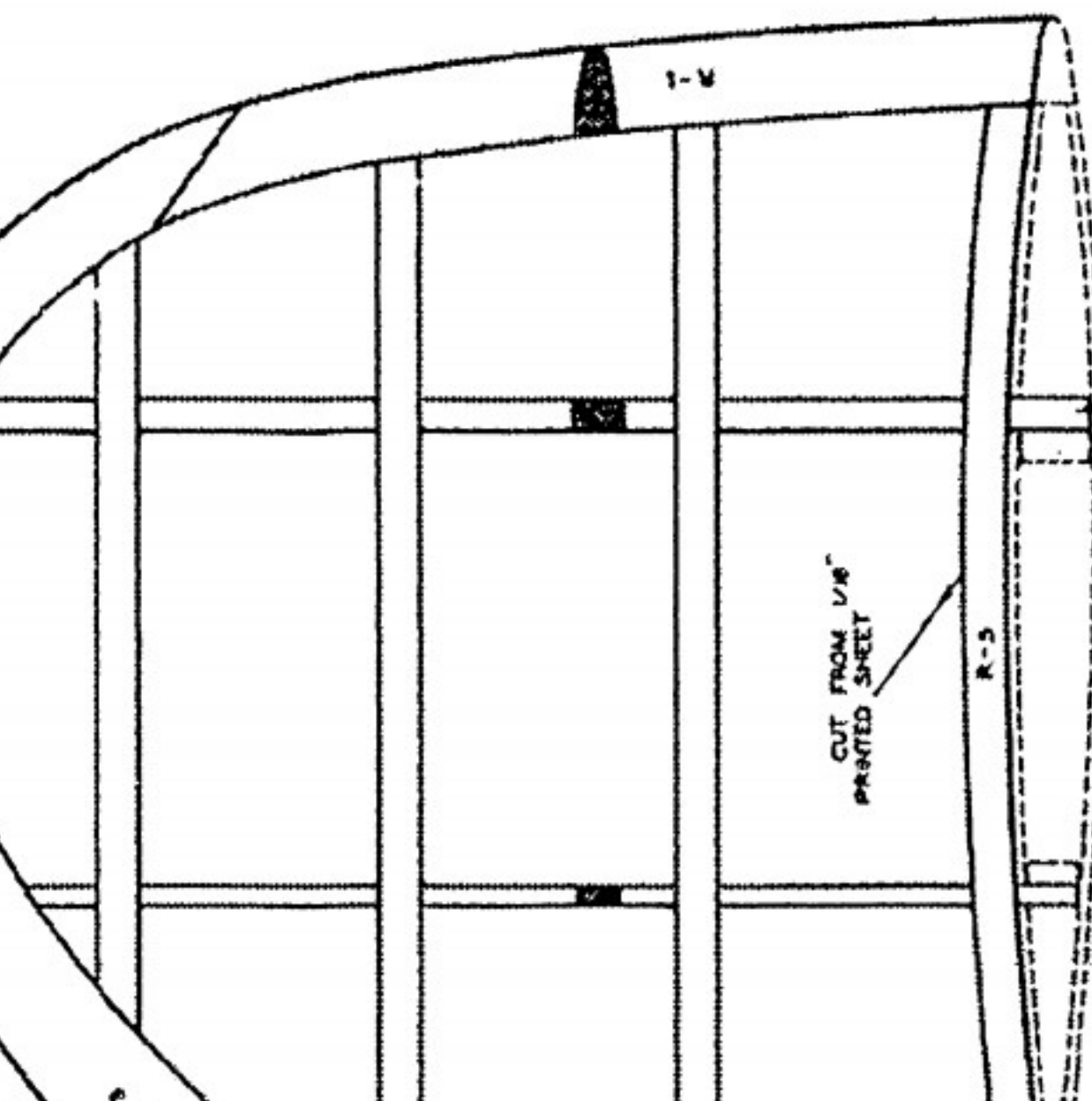
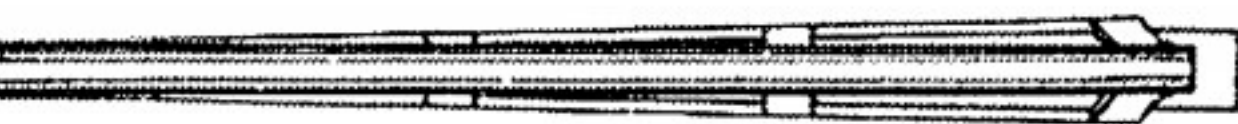
THE
TION'S
OR
DOES
TO



END



THE MARINE WING AND TA PLACE ALLOW FROM THE FU IMPACT, THUS DAMAGE.



IT IS ADVISABLE TO FLY MODEL WITH COWL REMOVED UNTIL A PERFECT ADJUSTMENT IS ATTAINED.

WINGS

WING - EACH WING TIP - 6"
PELLER..... 13-1/2" DIA.
ER..... 1/5 OR 1/8 H.P.

LIPPER

LENGTH 53-1/2"

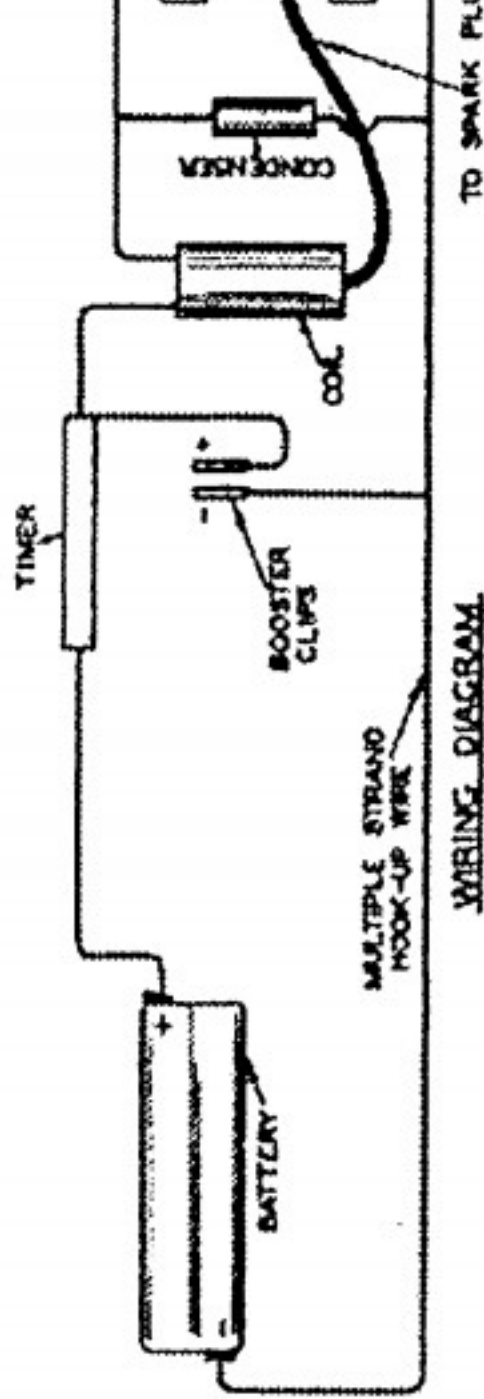
DESIGNED BY CARL GOLDBERG

PLAN NO. 2



© 1938

E and SUPPLY CO. INC. Chicago





COMET C

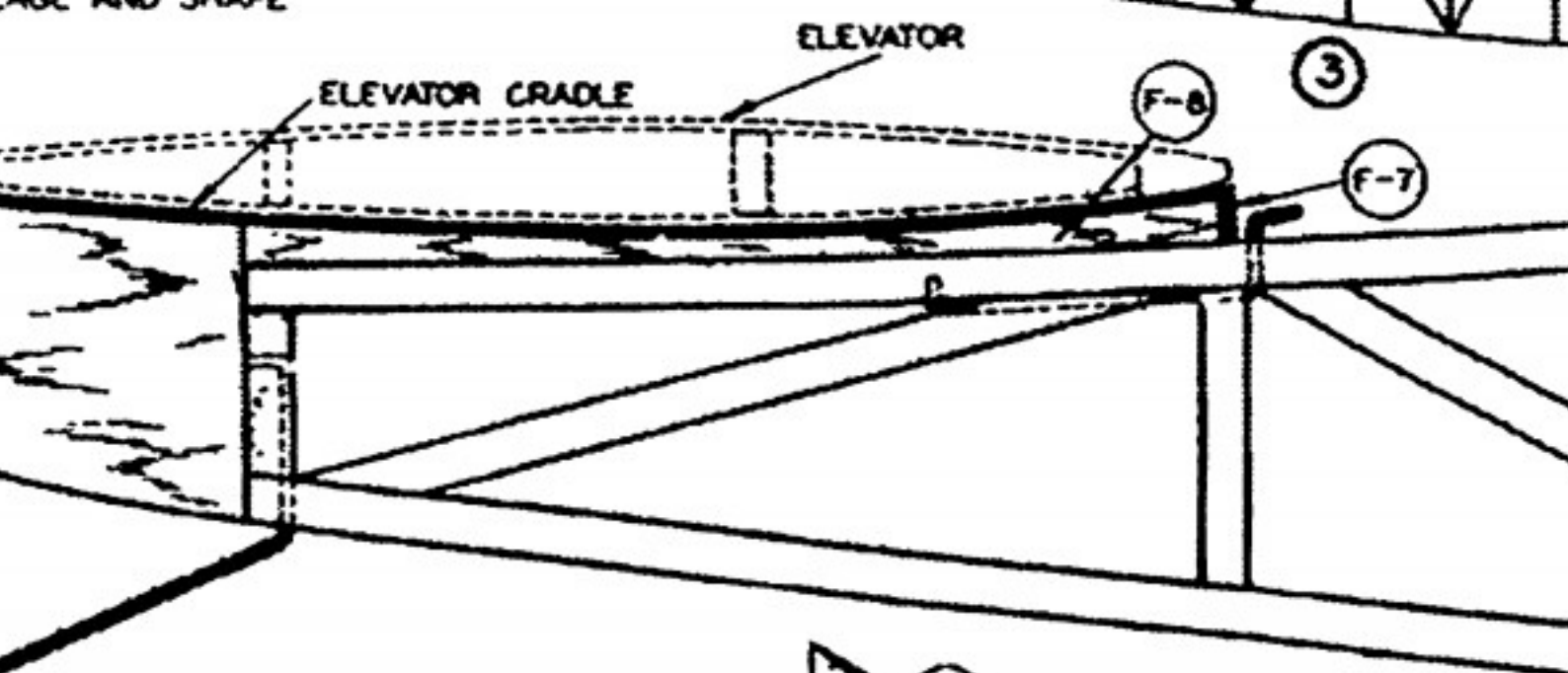
WINGSPAN 6 FT.

KIT NO. T7 | DES

TRACED BY *Robert A.*

COMET MODEL AIRPLANE

AGE AND SHAPE



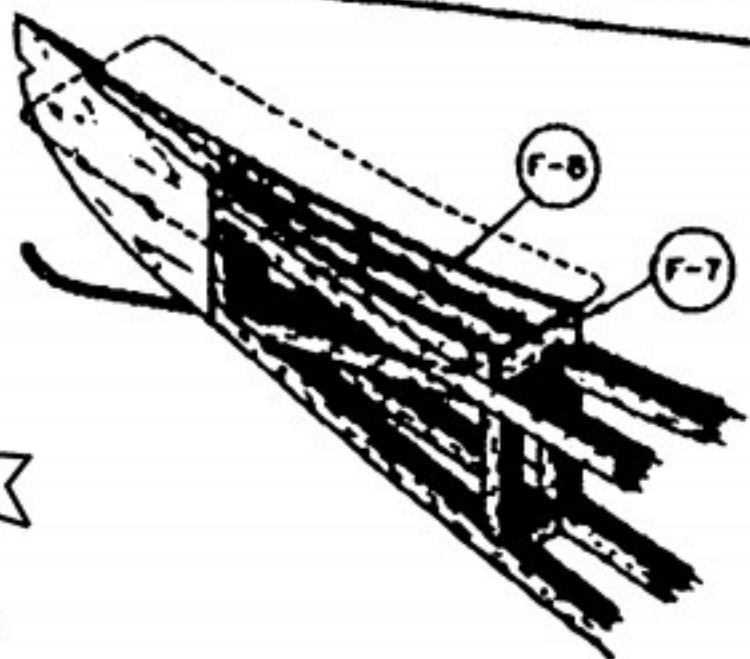
CLIPPER

LENGTH 53-1/2"

SIGNED BY CARL GOLDBERG

PLAN NO. 1

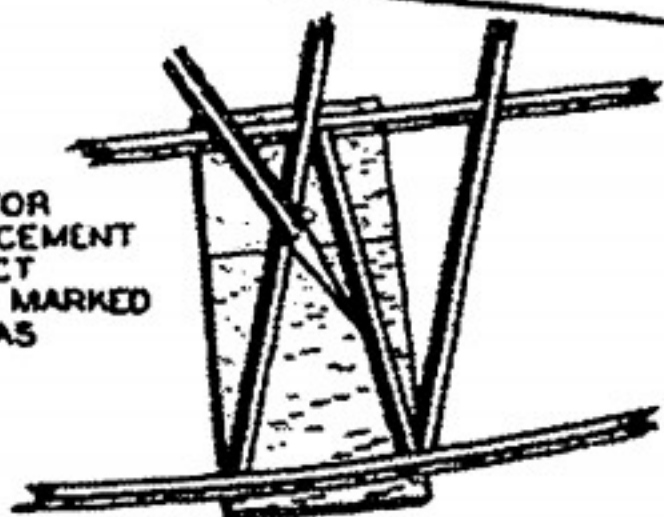
NE and SUPPLY CO., INC. Chicago



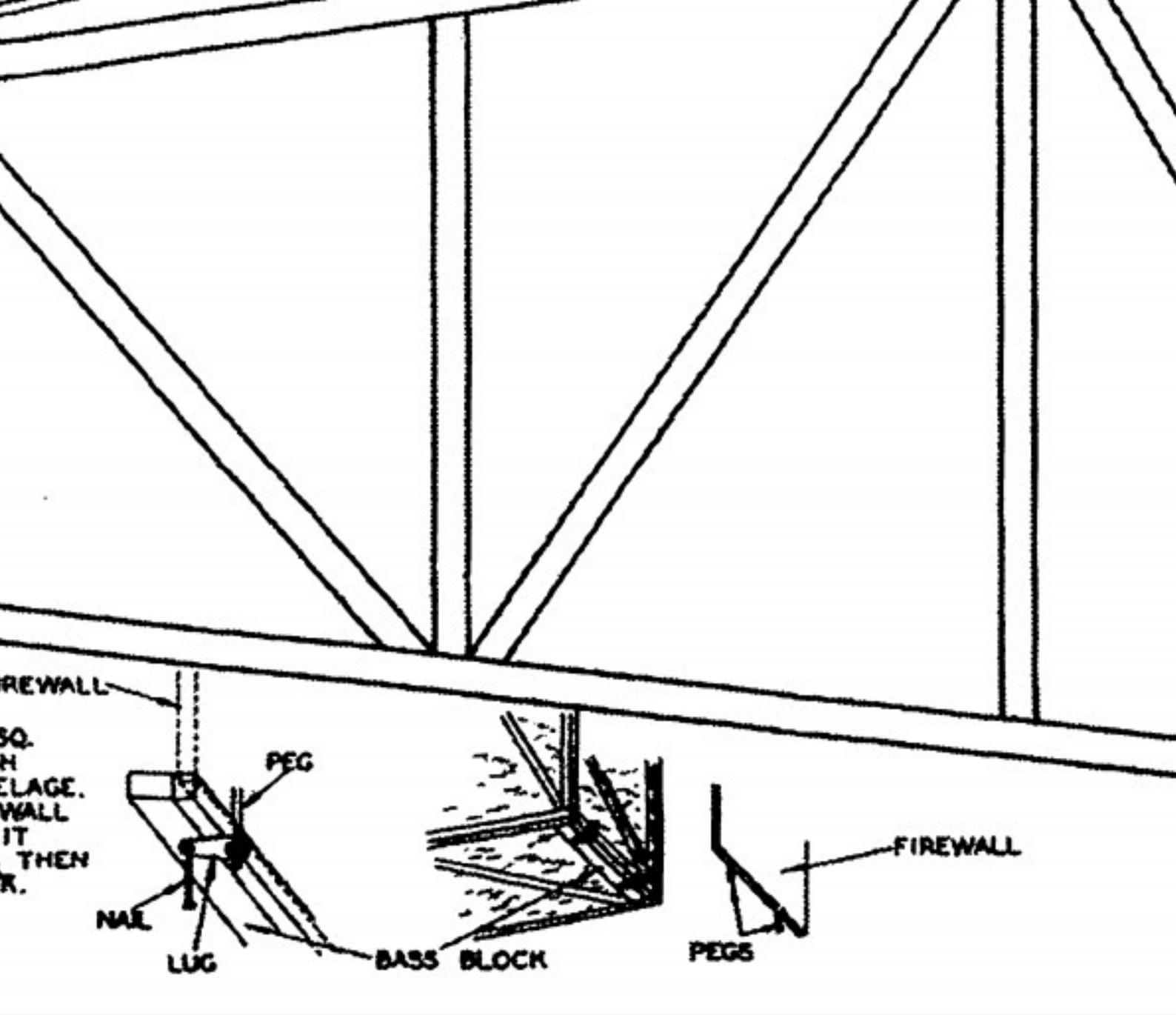
LEFT SIDE

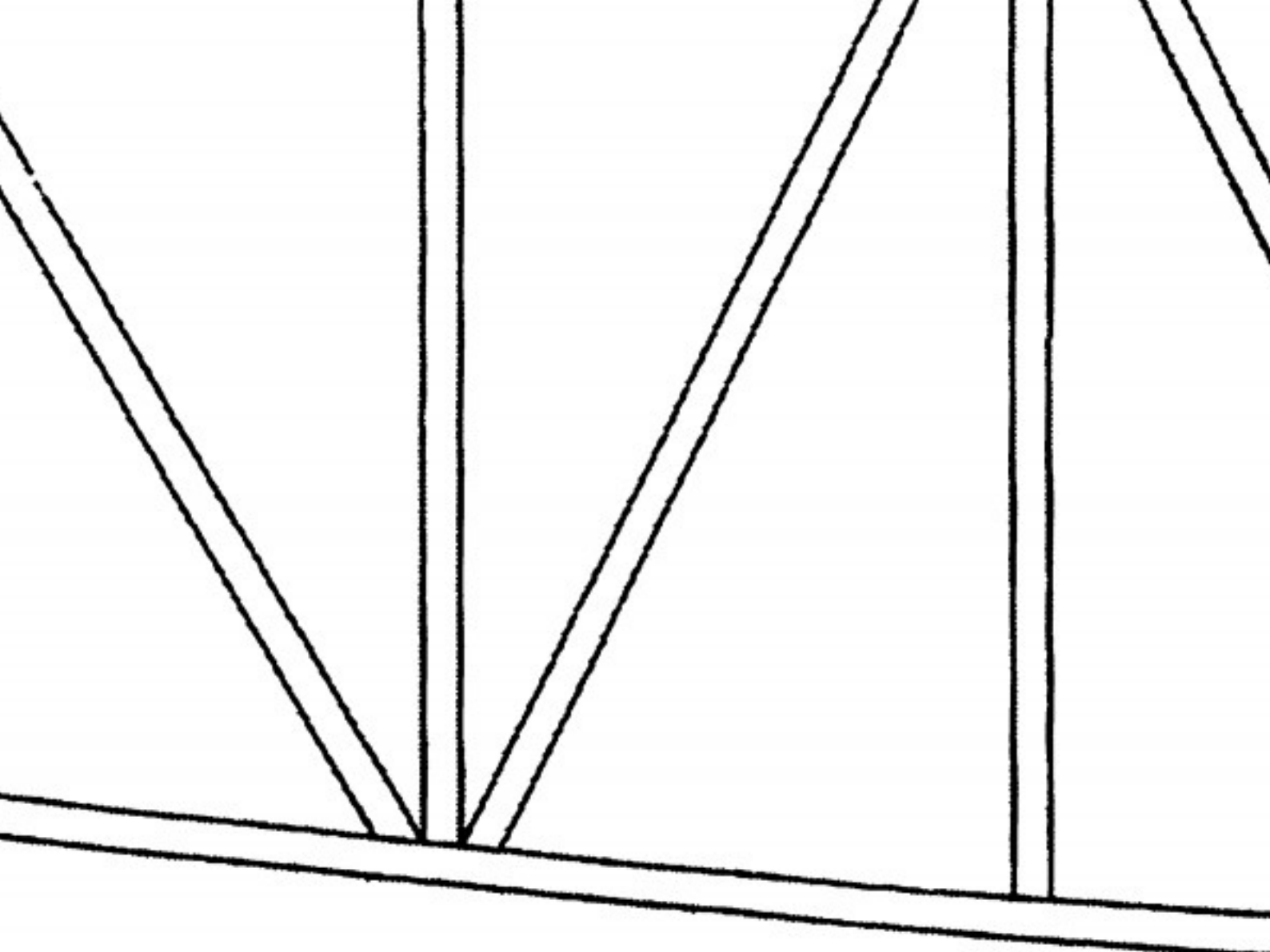
RIGHT SIDE

BALSA PLATES FOR
FUSELAGE RE-ENFORCEMENT
CAN BE CUT TO EXACT
SHAPE AFTER BEING MARKED
OFF WITH A PENCIL AS
SHOWN AT RIGHT.

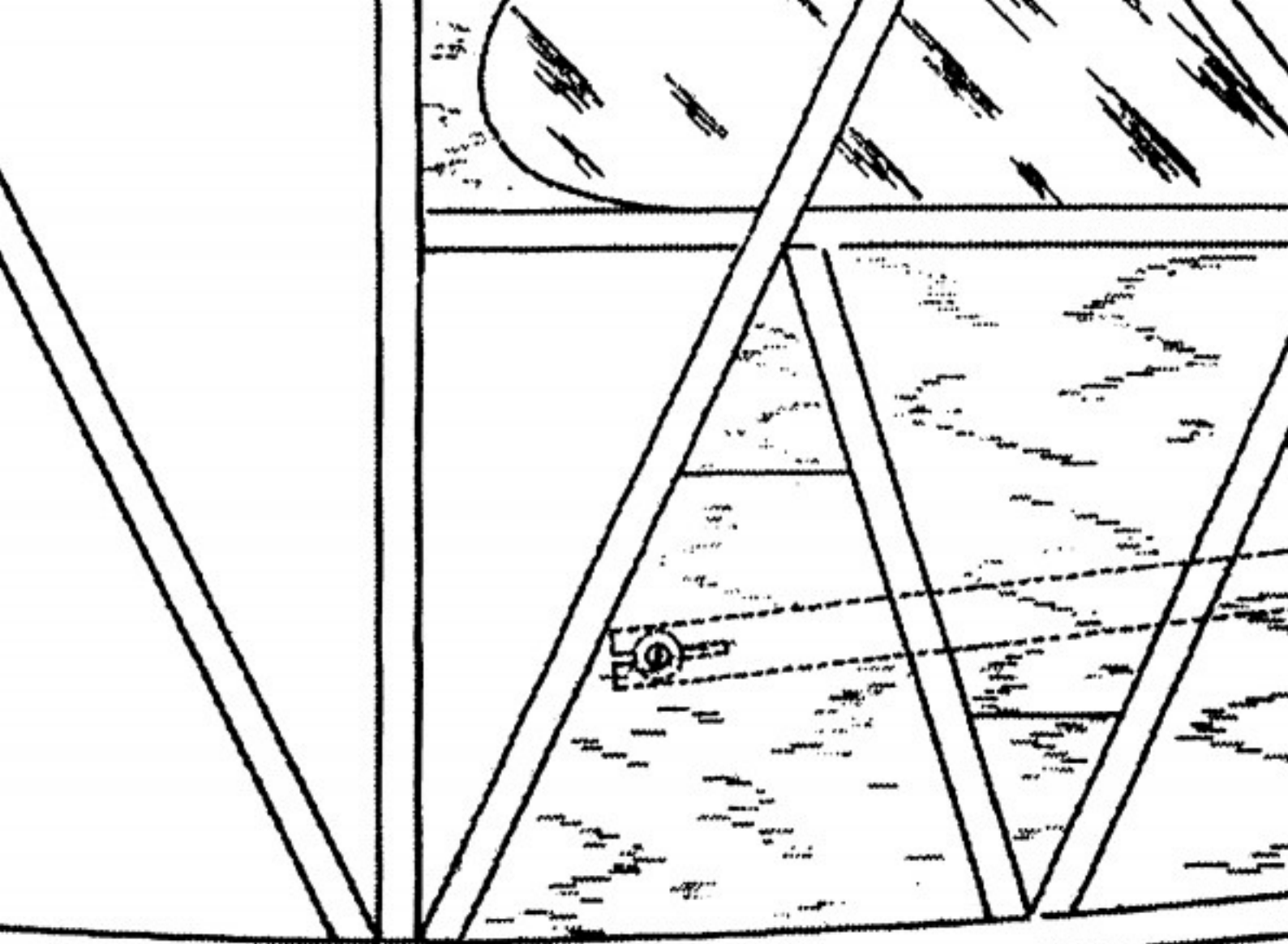


NOTCH BOTTOM 1/4"
SO FIREWALL LAYS FLUSH
AGAINST FRONT OF FUSELAGE
SLIP LUG OVER FIREWALL
PEG AND PULL BACK SO
HOLDS FIREWALL TIGHT.
NAIL LUG TO BASS BLOCK

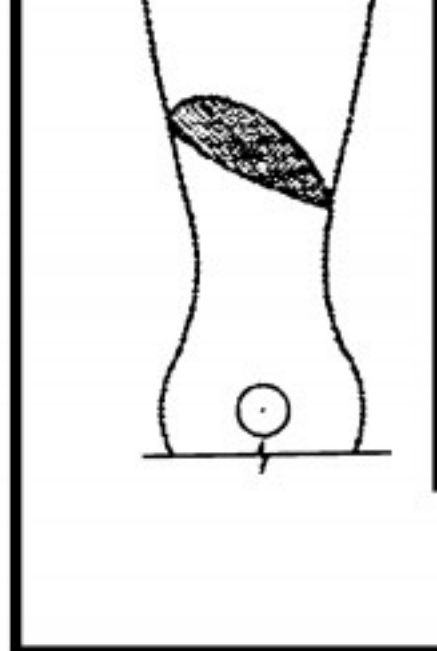
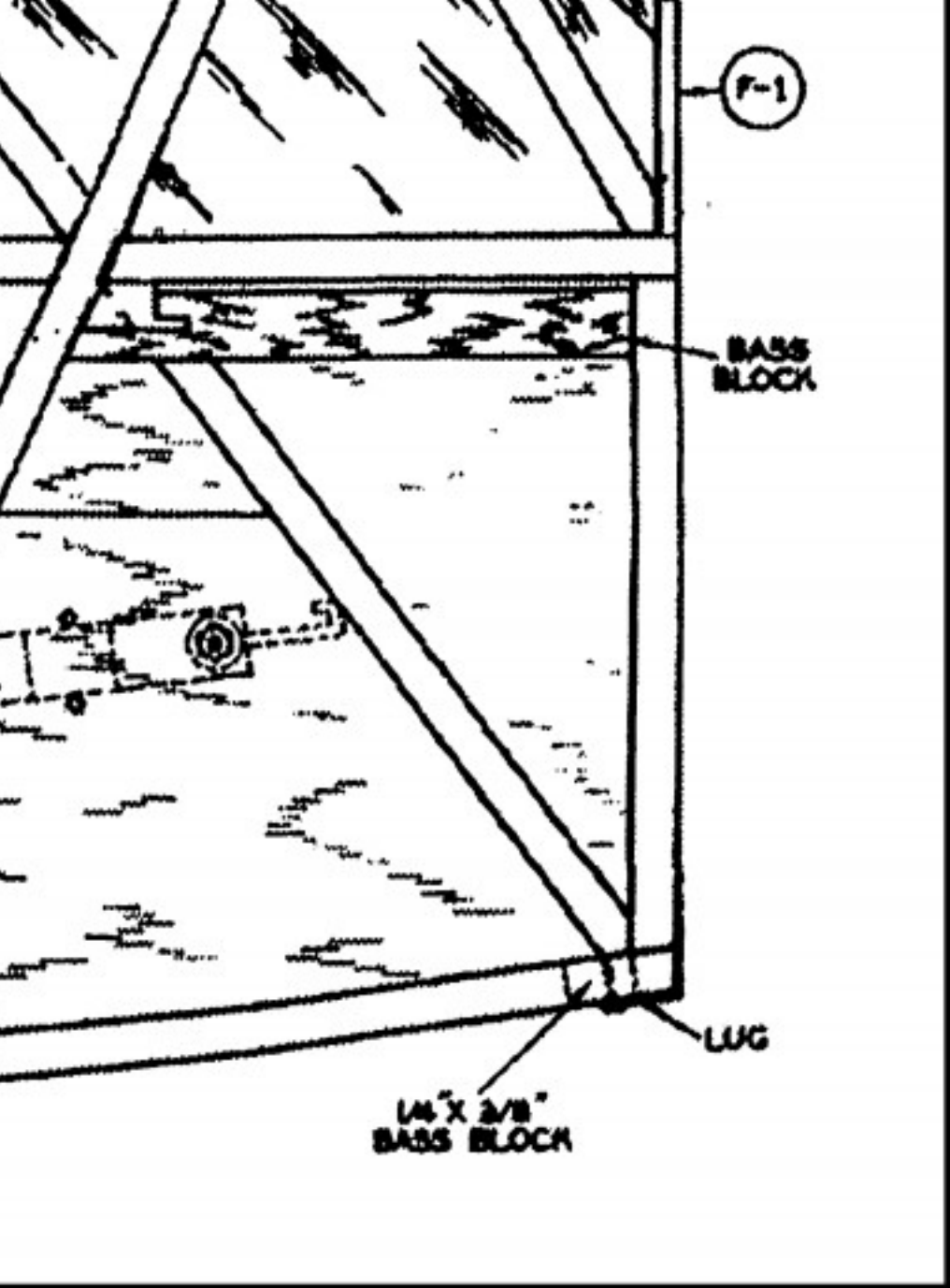




BALSA PLATES ARE FITTED BETW
AT THE BOT



BETWEEN THE 1/4" SQ. BRACES FROM THIS POINT TO THE FRONT,
BOTTOM OF THE FUSELAGE





STEP 1.

HOLD PROPELLER BLANK AS ABOVE WITH TAPERED SURFACE UP. BEGIN CARVING BACK OF BLADE WITH SHARP KNIFE.



STEP 2.

CARVE CORRESPONDING FACI- OPPOSITE BLADE IN SAME MANNER. THEN TAKE OUT ALL BUMPS WITH SANDPAPER WRAPPED AROUND A

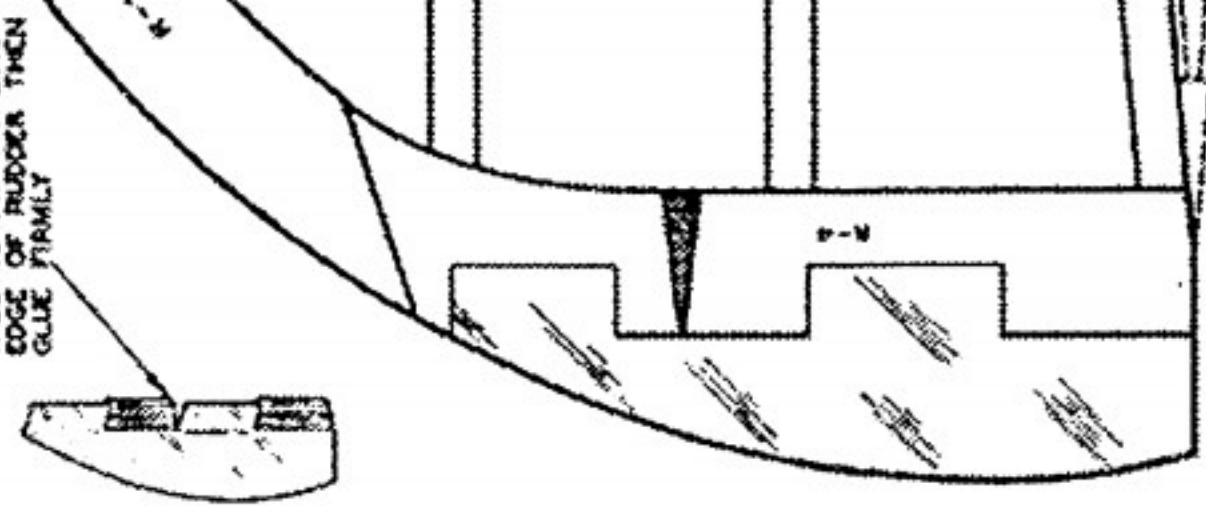


STEP 3.

NOW CARVE THE FRONT OF BLADES REFERRING TO THE SECTION SHOWN IN THE ABOVE PROPELLER DRAWING. NOTICE THAT THE BLADES TAPER IN THICKNESS FROM HUB TIPS.



SPLIT ALUMINUM AND BRASS TABS TO FIT TRAILING



SPECIFICATION	
WINGSPAN.....	6 FT.
LENGTH.....	63-1/2"
WEIGHT WITH MOTOR.....	2 LB. 5 OZ.
WING AREA.....	4-2/3 SQ. FT.
WING LOADING.....	1/2 LB.-SQ. FT.

COMET C

WINGSPAN 6 FT.

KIT NO. T7 DESIGN

TRACED BY *Professor Hawk*

COMET MODEL AIRPLAN