

50" WINGSPAN LIGHTWEIGHT GLIDER

# LULU<sup>5</sup> MK II



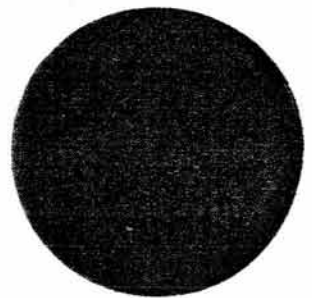
DESIGNED BY

J. BARKER

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THE AEROMODELLER PLANS SERVICE.

38. CLARENDON RD WATFORD. HERTS.



ALL WOODS UNLESS OTHERWISE STATED ARE BALSA.  
APPROX WEIGHT 3 OZS

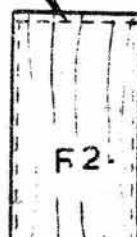
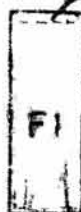
BEST FLIGHTS

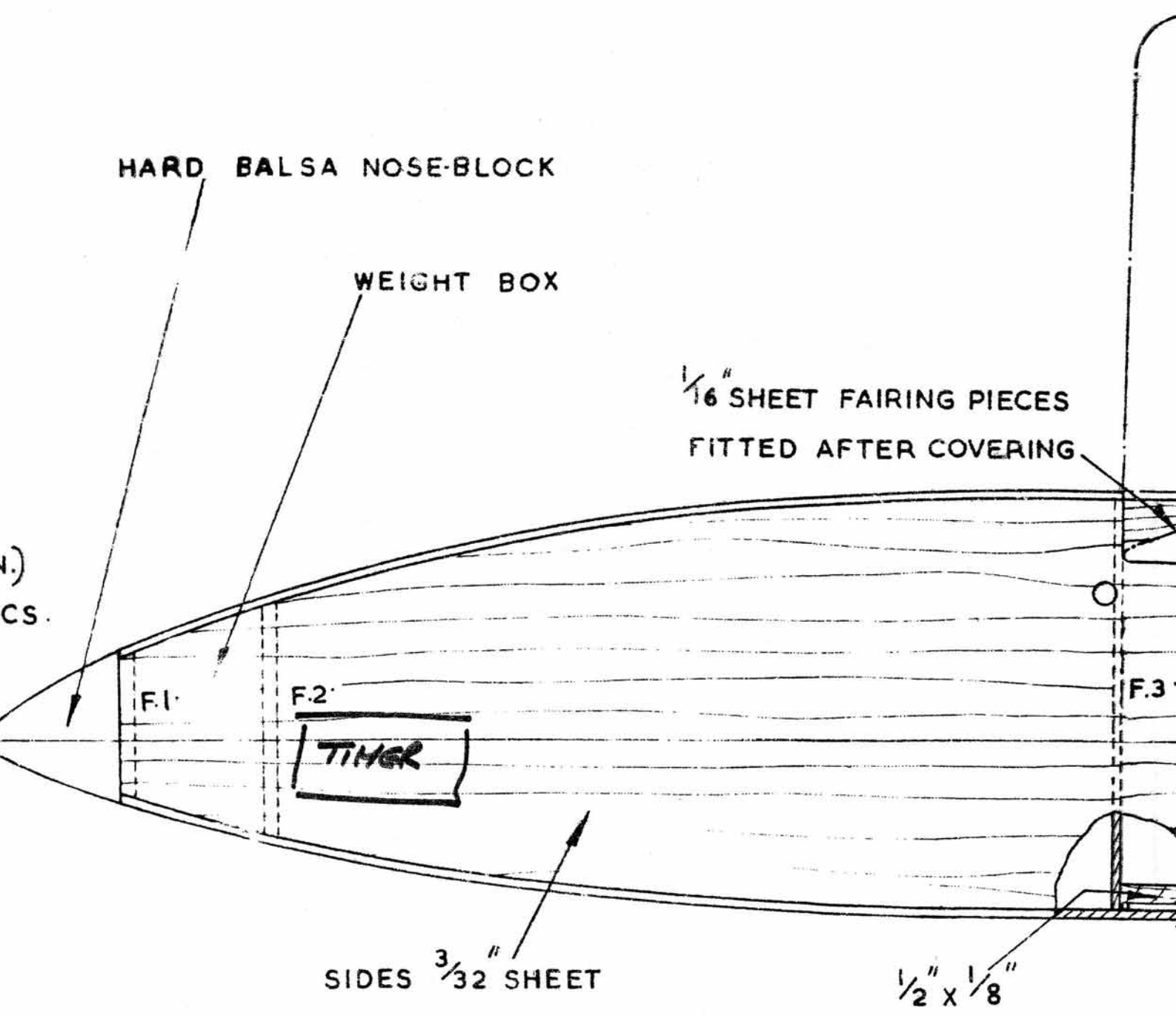
7 MINS 56 SECS. 00S DISTANCE 22 MILES.

7 " 50 " 00S DISTANCE 13 MILES (MODIFIED VERSION.)

CONSECUTIVE FLIGHTS FROM STOUGHTON AERODROME, LEICS.

CHAMFER TO DOTTED LINES





HARD Balsa NOSE-BLOCK

WEIGHT BOX

1/16" SHEET FAIRING PIECES  
FITTED AFTER COVERING

1.)  
CS.

F.1

F.2

F.3

TIMER

SIDES 3/32" SHEET

1/2" x 1/8"

C.G. OK ON 3 MODELS. ALL REQUIRED  
APPROX 7/16" EXTRA INCIDENCE AT  
WING L.E.

→ C.G. VERTICAL LOCUS

F.3

F.4

EPOXY BRASS TUBE  
FOR AIR. D/T RELEASE  
(USE SLACK WIRE PIN FROM TOWLINE)

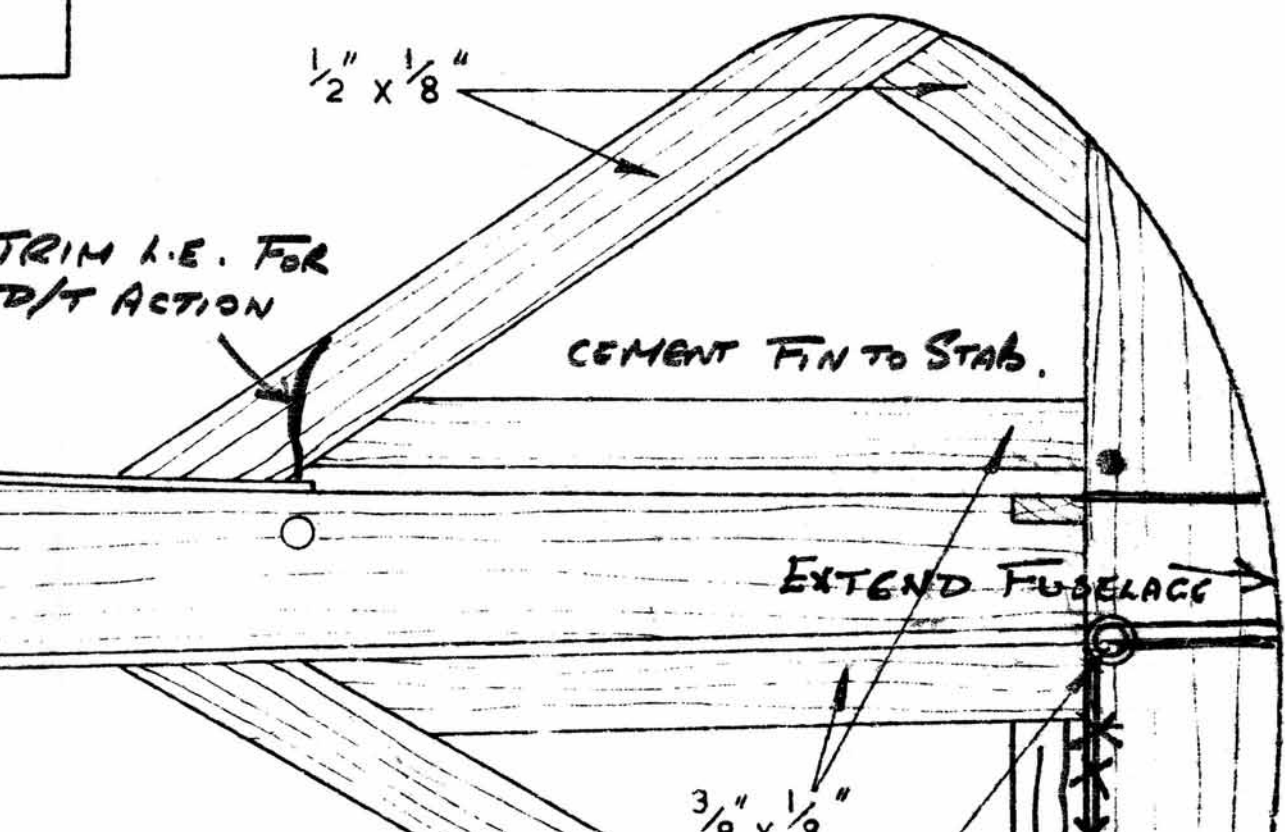
TOWHOOK 16 S.W.G. (.064")

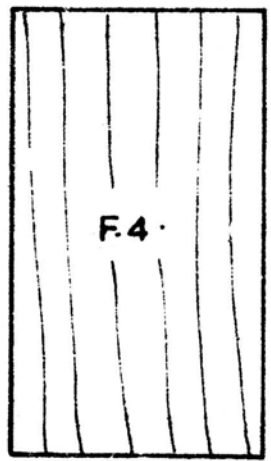
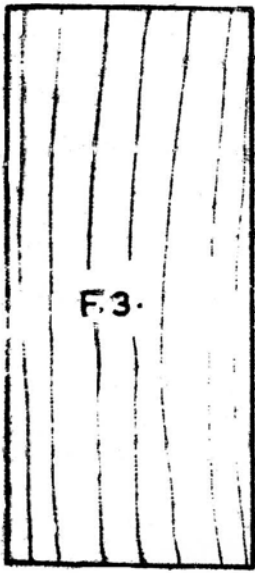
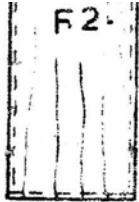
STRIP.
1 STRIP OF
2 STRIPS OF
SHEET.
2 SHEETS
2 "
1 "

MATERIALS	REQUIRED.
	MISCELLANEOUS
OF $\frac{1}{16}$ " X $\frac{1}{8}$ " X 36" Balsa	5" OF $\frac{1}{8}$ " DIA DOWLING
OF $\frac{3}{16}$ " X $\frac{1}{4}$ " X 36" "	2" OF 16 SWG PIANO WIRE
ETS OF $\frac{1}{16}$ " X 3" X 36" "	1 HARD Balsa BLOCK $\frac{3}{32}$ " X $\frac{1}{2}$ " X 1"
" $\frac{3}{32}$ " X 3" X 36" "	3" X 2" OF THIN CELLULOID
" $\frac{1}{8}$ " X 3" X 36" "	

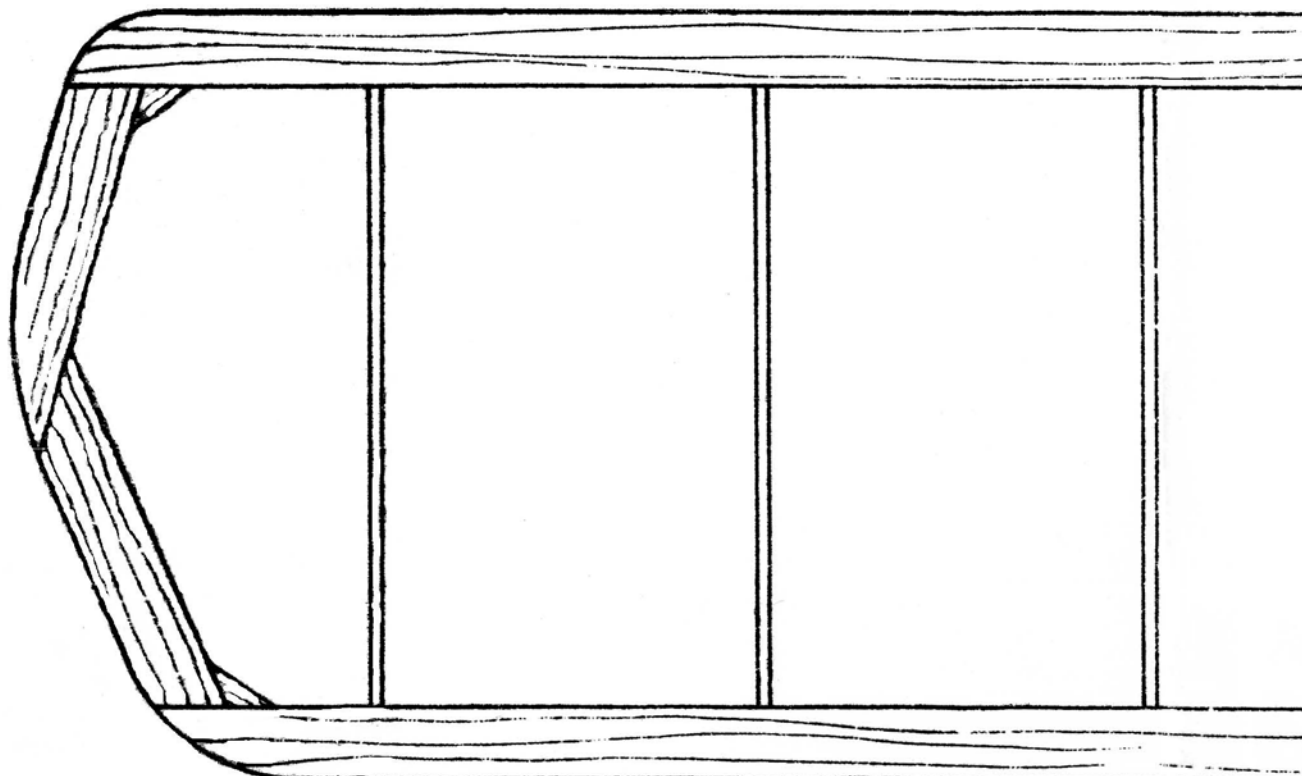
TRIM  
D/T

1"





F1 & F2. FROM  $\frac{3}{32}$ " SHEET  
 F3. & F4 "  $\frac{1}{16}$ " "

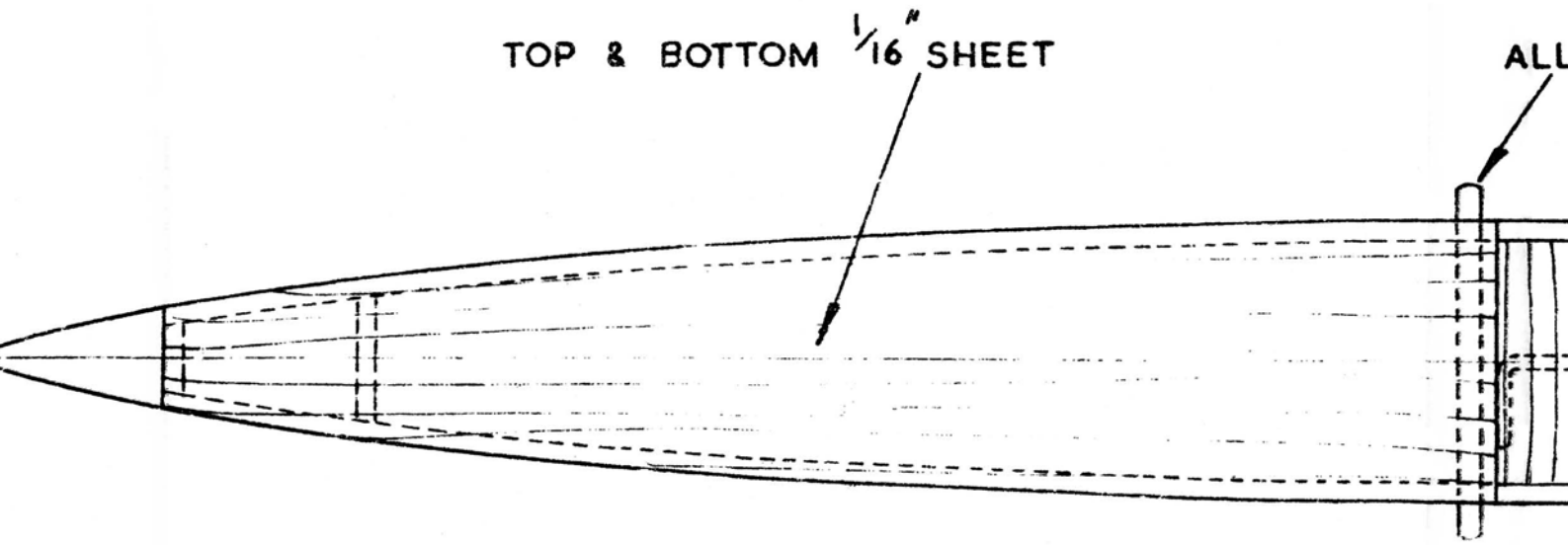


SIDES  $\frac{3}{32}$ " SHEET

$\frac{1}{2}$ " x  $\frac{1}{8}$ "

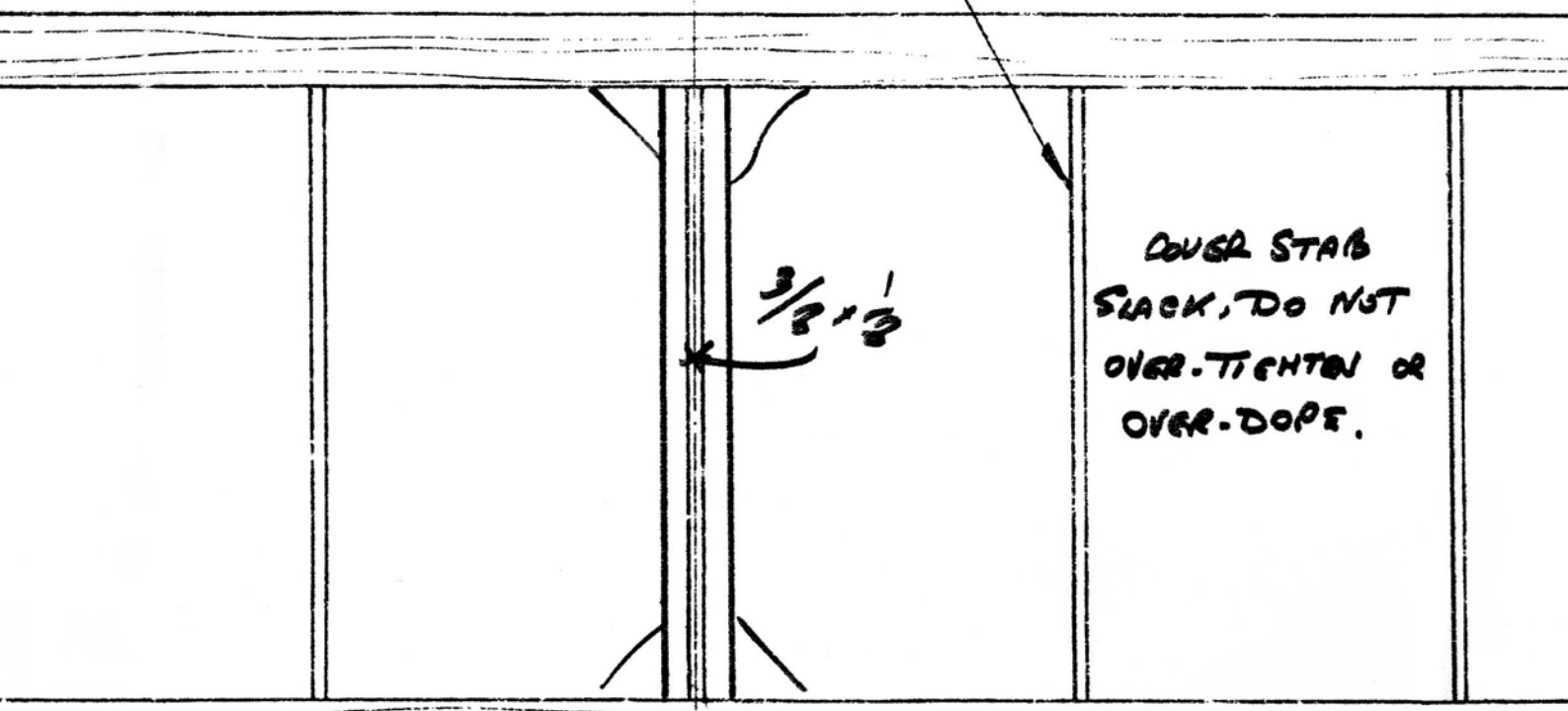
TOP & BOTTOM  $\frac{1}{16}$ " SHEET

ALL



$\frac{1}{8}$ " x  $\frac{1}{16}$ " RIBS

E

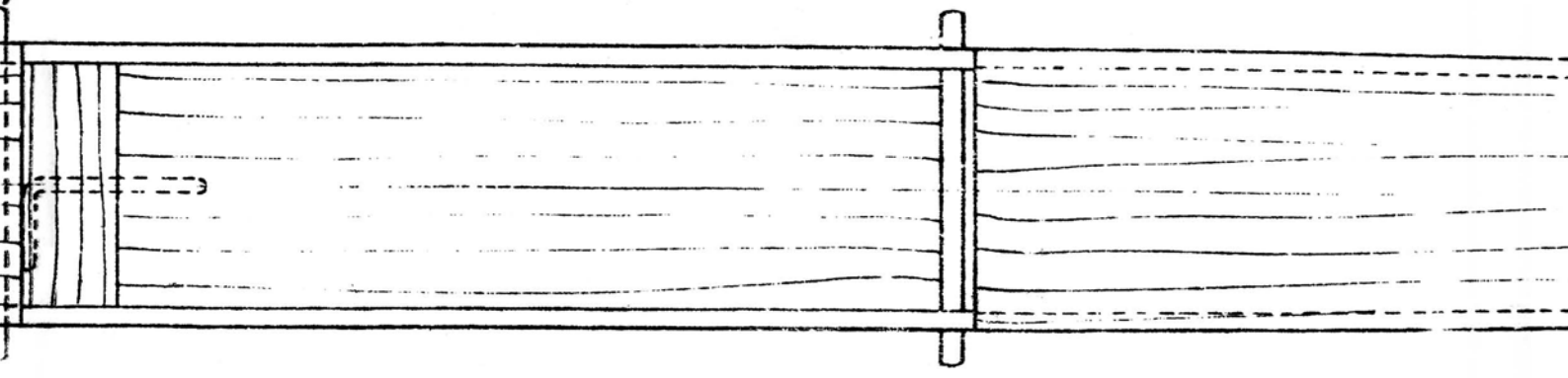


$\frac{3}{8}$  x  $\frac{1}{8}$

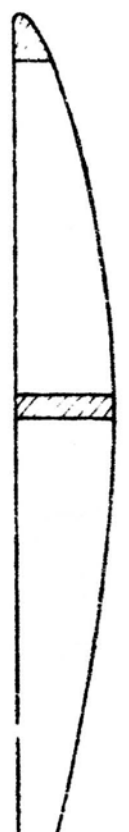
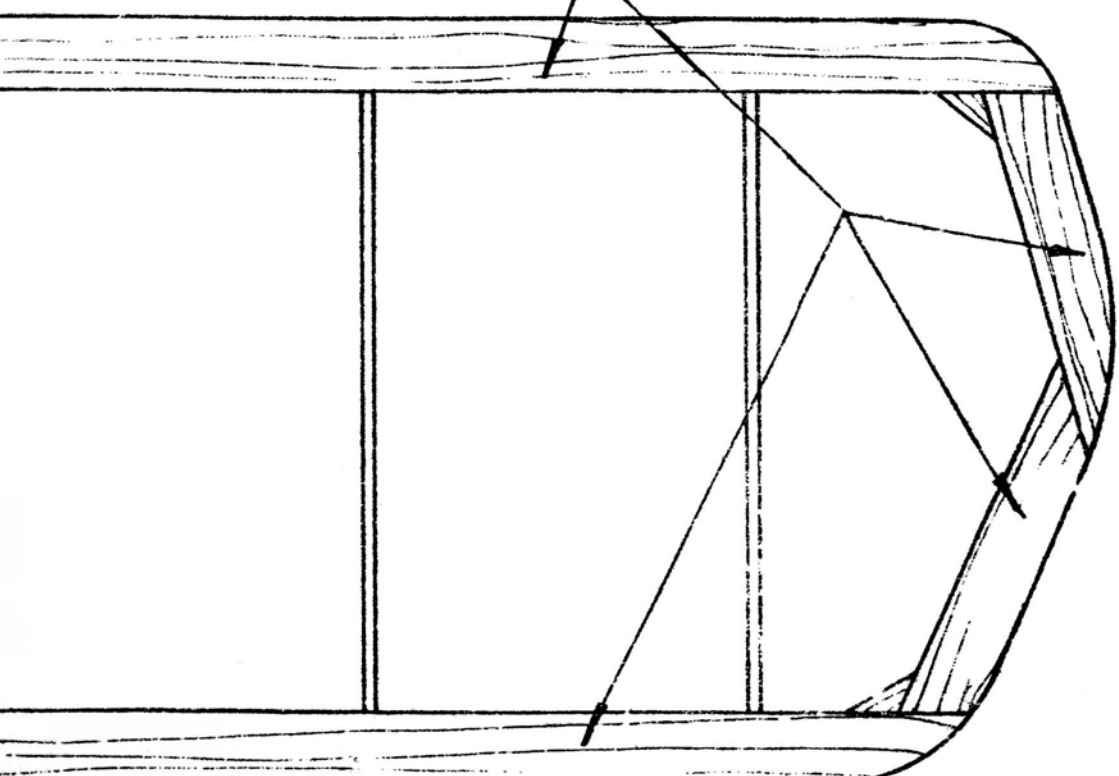
COVER STAB  
SLACK, DO NOT  
OVER-TIGHTEN OR  
OVER-DOPE.

TOWHOOK 16 S.W.G. (.064")  
ABOUT HERE IS OK. (ADJUSTABLE  
HOOK EVEN BETTER!)

ALL DOWELS  $\frac{1}{8}$ " DIA.

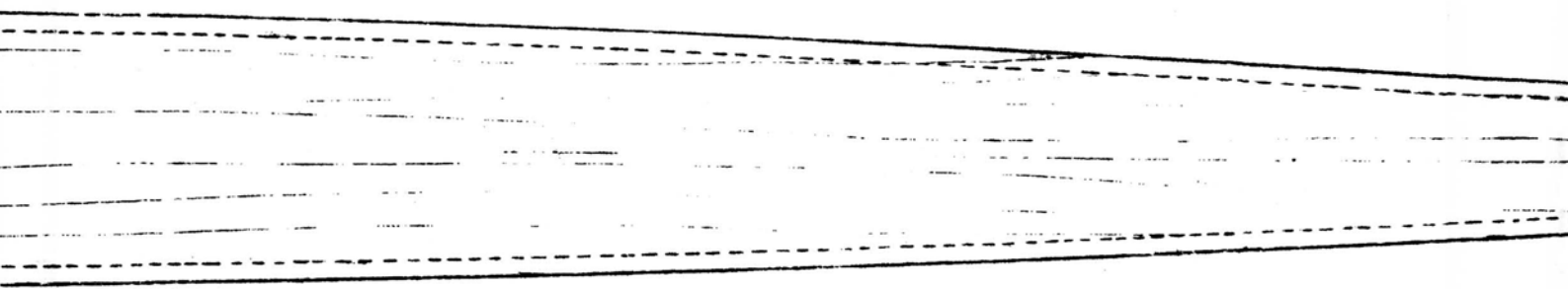


$\frac{3}{8}$ " x  $\frac{1}{8}$ "

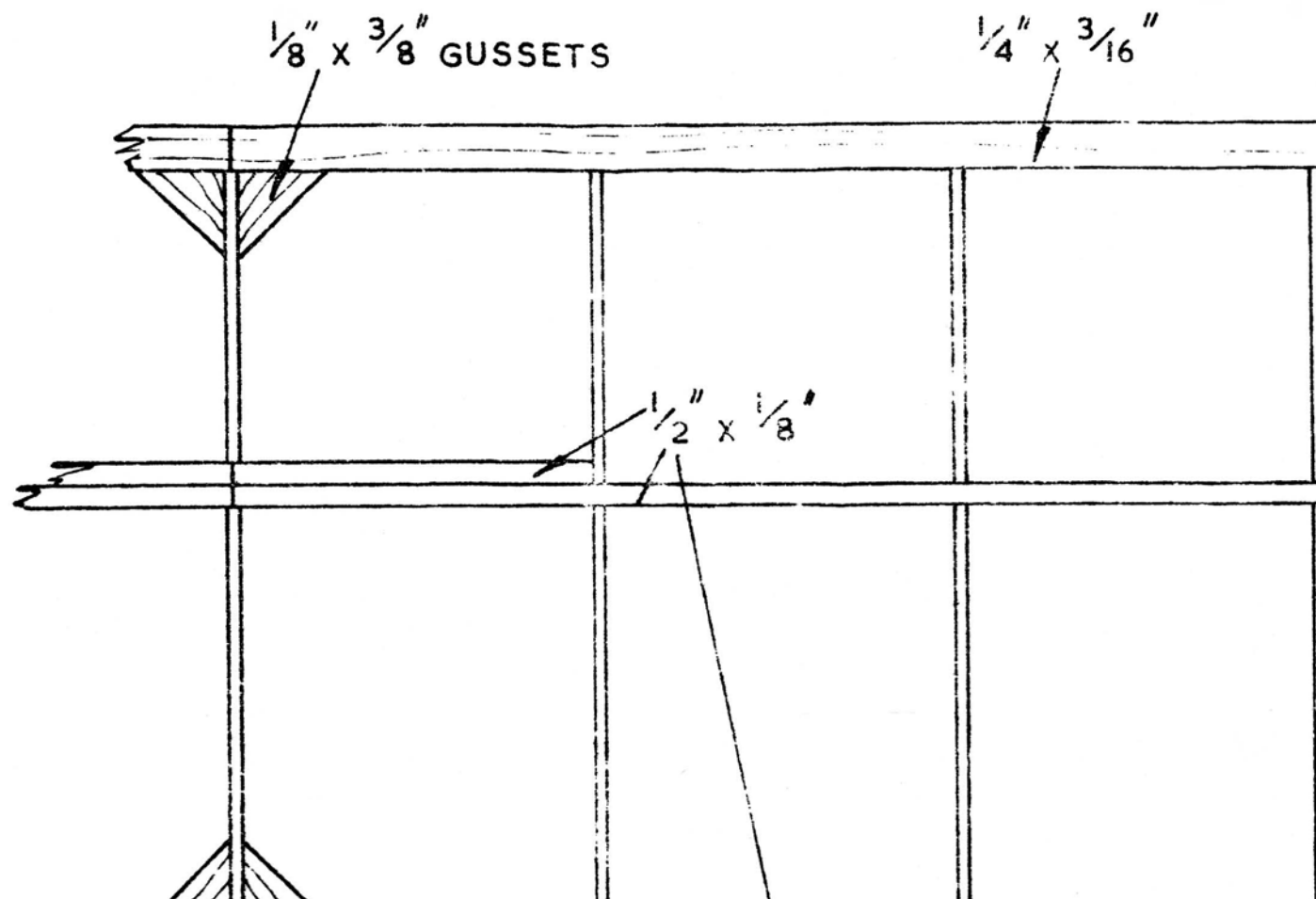


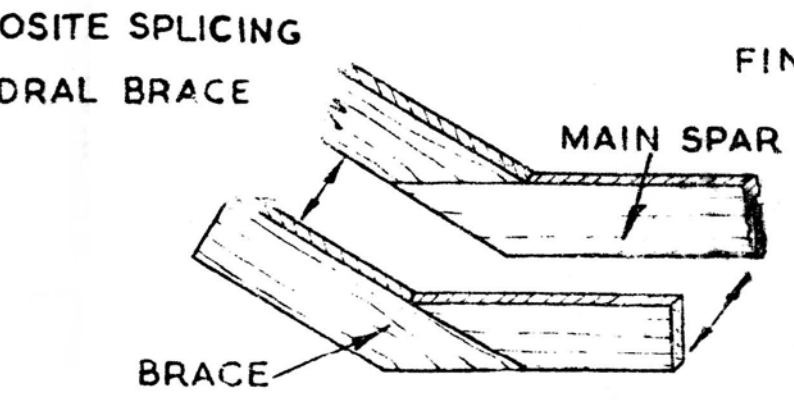
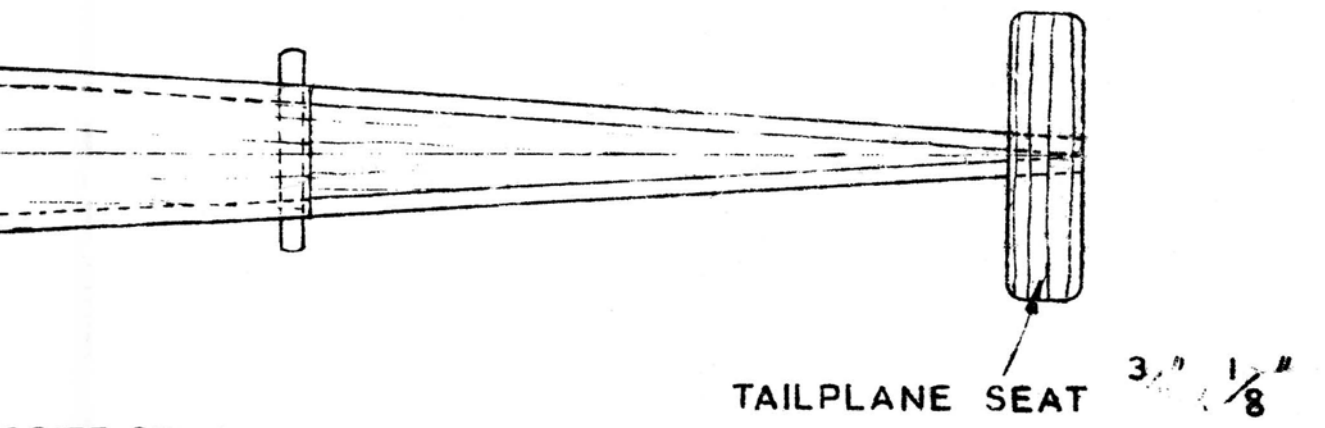
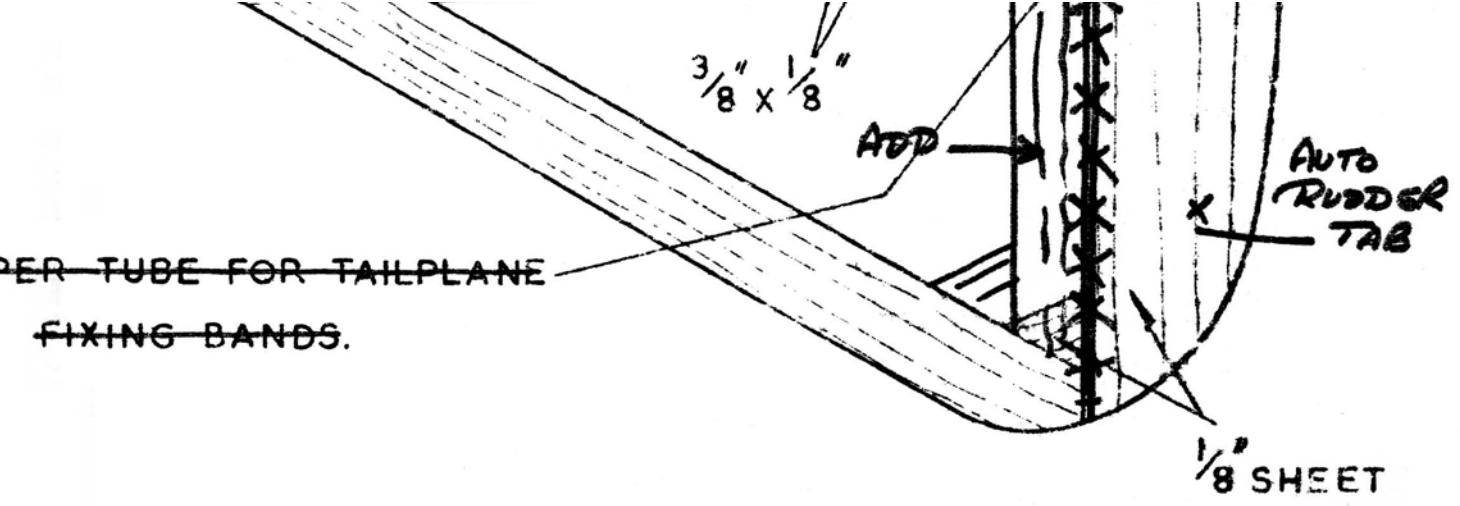


PAPER  
FIX

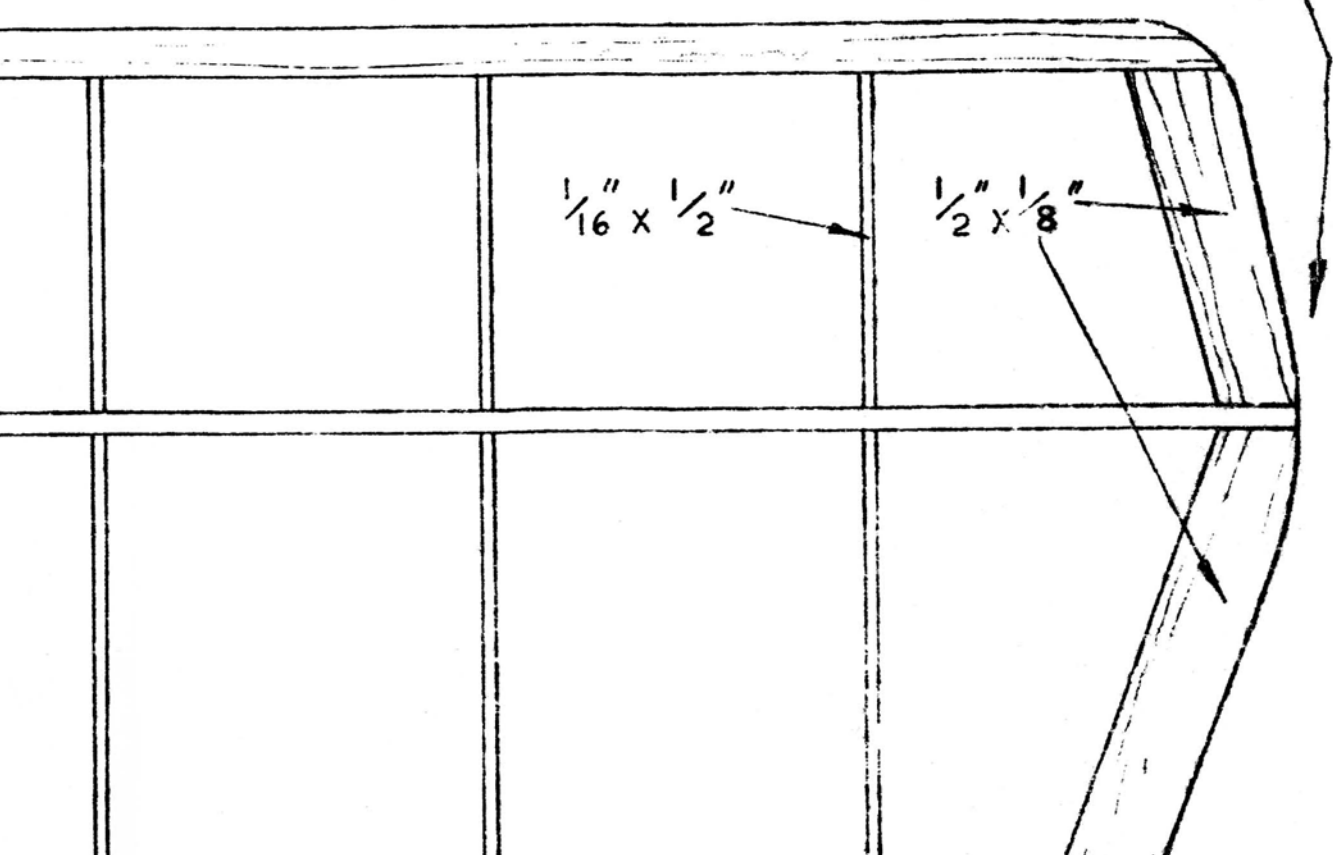


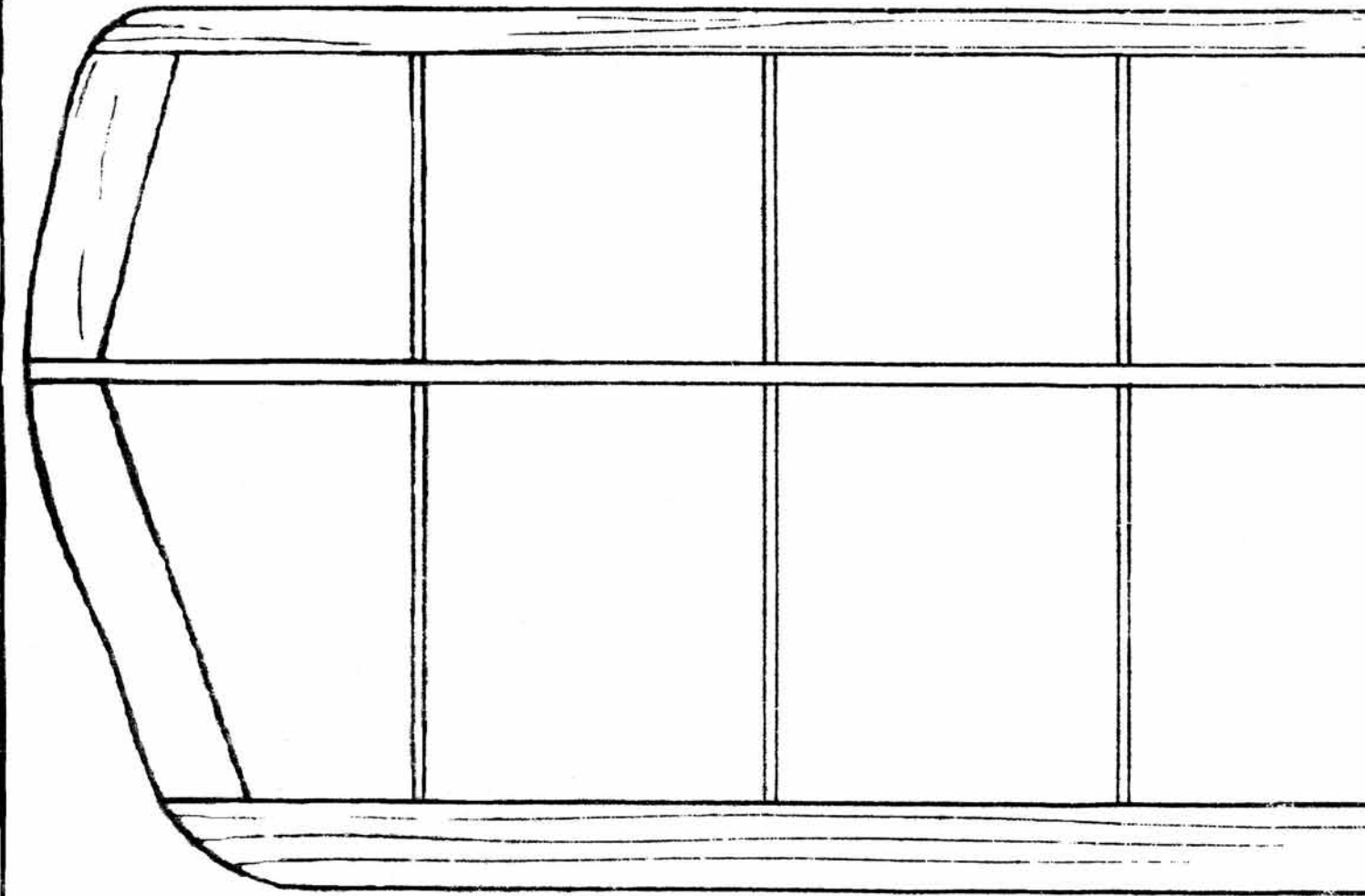
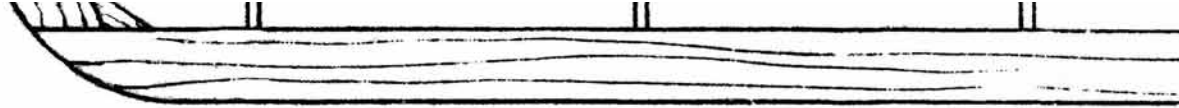
SKETCH SHOWS OPPOSITE  
OF MAIN SPAR & DIHEDRAL



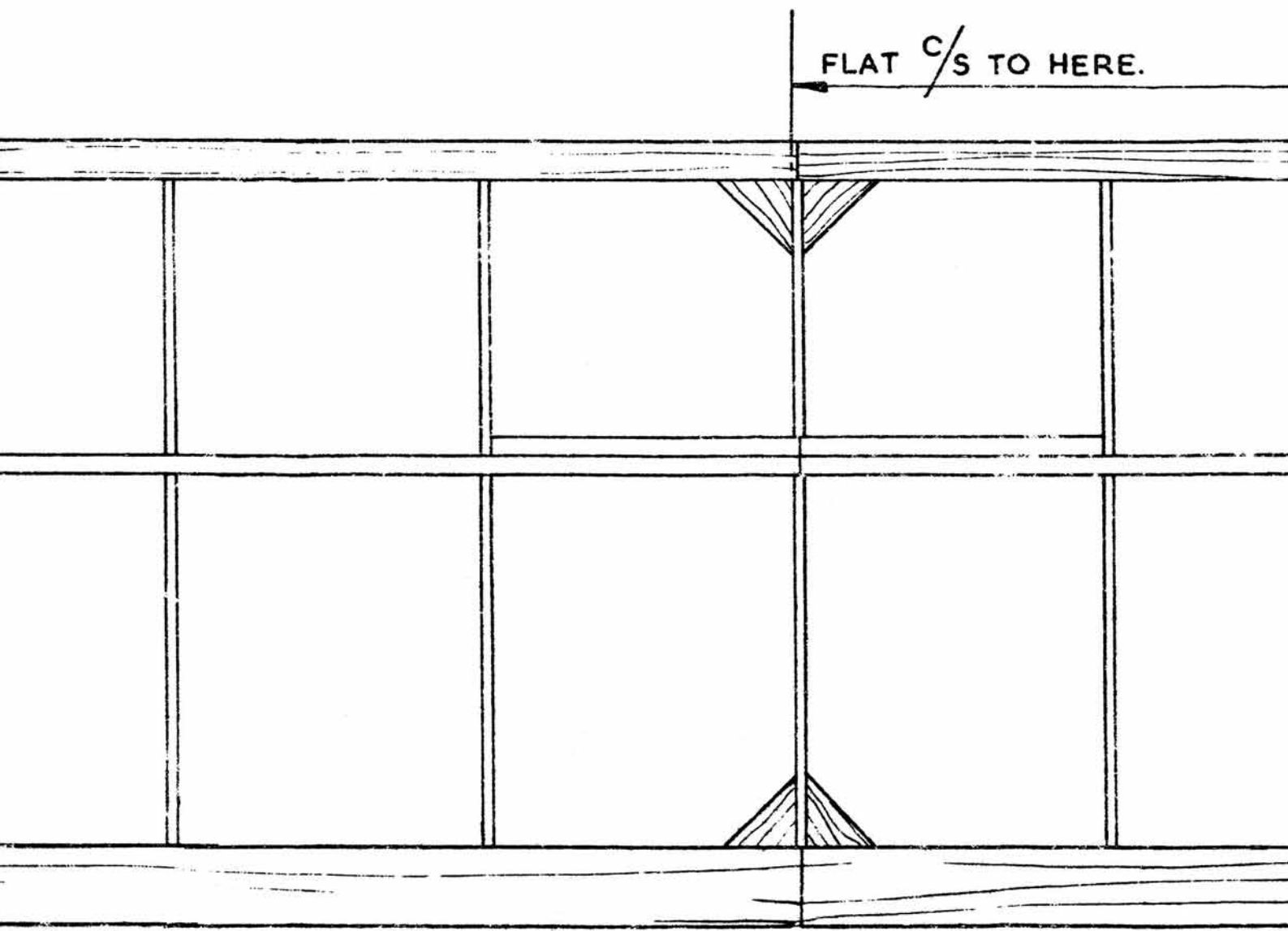


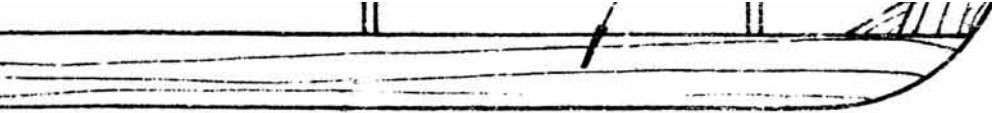
4" DIEDRAL AT TIPS





FLAT C/S TO HERE.





				$\frac{1}{2} \vee \frac{1}{8}$ <u>HARD</u> CONT



