

50" WINGSPAN LIGHTWEIGHT GLIDER

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



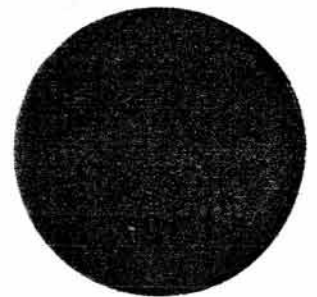
DESIGNED BY

J. BARKER

COPYRIGHT OF

THE AEROMODELLER PLANS SERVICE.

38. CLARENDON RD WATFORD. HERTS.



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

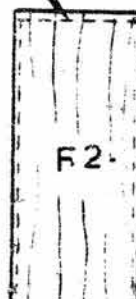
BEST FLIGHTS

7 MINS 56 SECS. 00S DISTANCE 22 MILES.

7 50 00S DISTANCE 13 MILES (MODIFIED VERSION)

CONSECUTIVE FLIGHTS FROM STOUGHTON AERODROME, LEIC

CHAMFER TO DOTTED LINES



HARD BALSA NOSE-BLOCK

WEIGHT BOX

$\frac{1}{16}$ " SHEET FAIRING PIECES  
FITTED AFTER COVERING

ION.)  
LEICS.

F.1

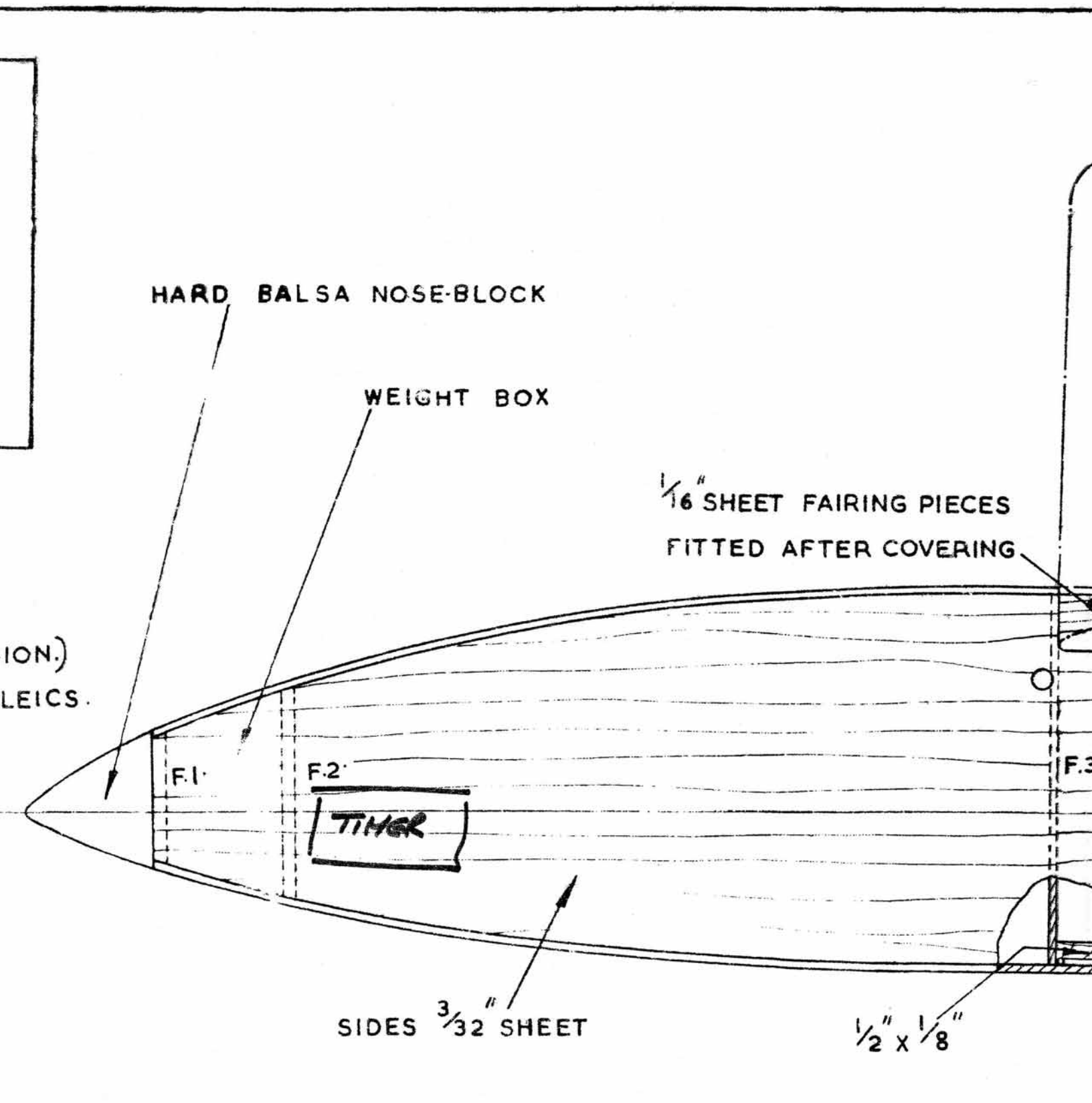
F.2

F.3

TIMER

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

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



C.G. OK ON 3 MODELS. ALL REQUIRED  
 APPLY  $\frac{1}{16}$ " EXTRA INCIDENCE AT  
 WING L.E.

→ C.G. VERTICAL LOCUS

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

F.3

F.4

EPOXY BRASS TUBE  
 FOR AIR. D/T RELEASE

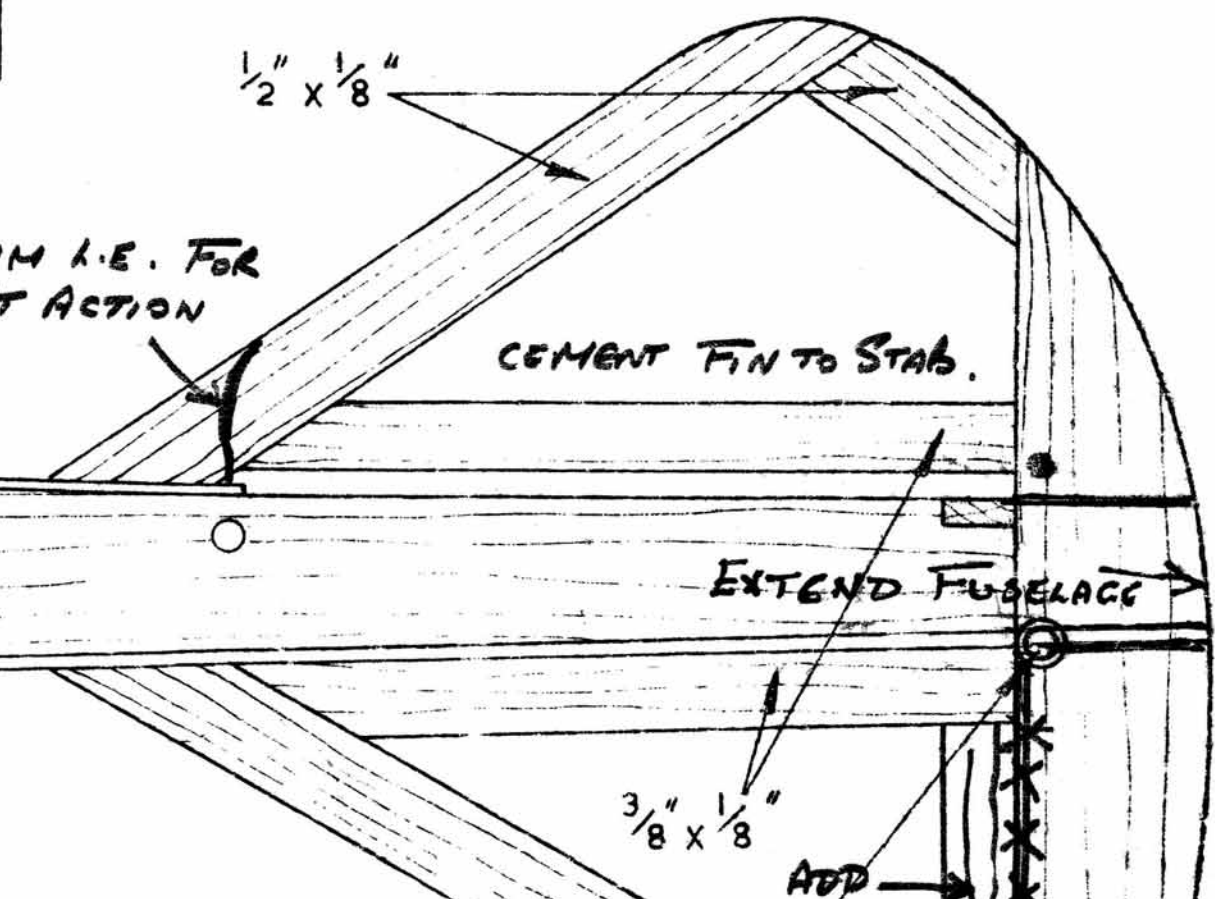
(USE SLACK WIRE PIN FROM TOWLINE)

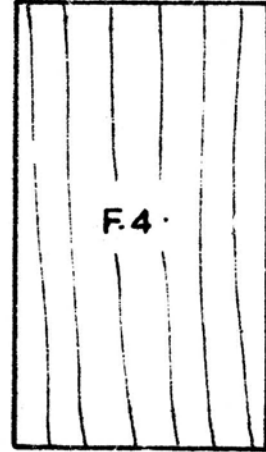
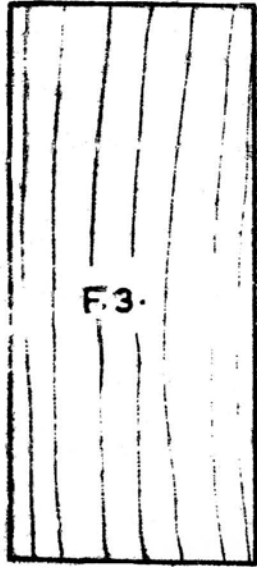
TOWHOOK 16 S.W.G. (.064")  
 ABOUT HERE IS OK. (ADJUSTABLE

MATERIALS REQUIRED.

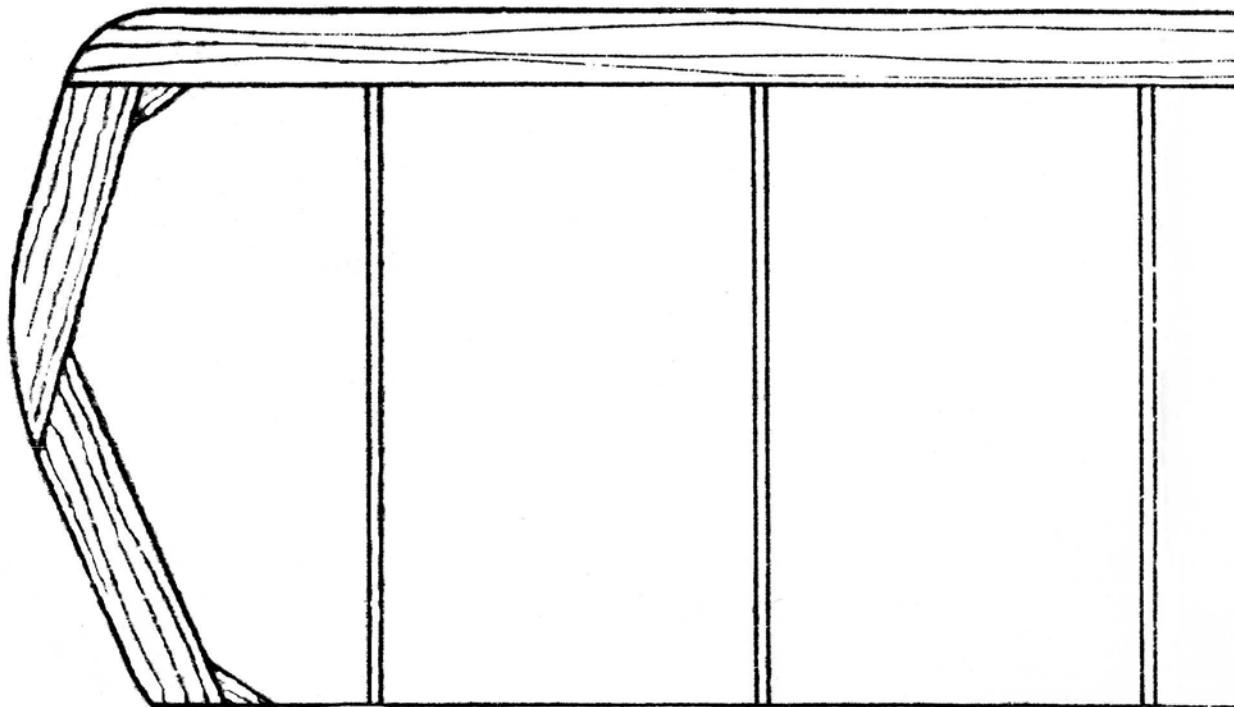
MATERIALS		REQUIRED.
		MISCELLANEOUS
OF $\frac{1}{16}$ " X $\frac{1}{8}$ " X 36" Balsa		5" OF $\frac{1}{8}$ " DIA DOWLING
S OF $\frac{3}{16}$ " X $\frac{1}{4}$ " X 36" "		2" OF 16 SWG PIANO WIRE
TS OF $\frac{1}{16}$ " X 3" X 36" "		1 HARD Balsa BLOCK $\frac{3}{32}$ " X $\frac{1}{2}$ " X 1"
" $\frac{3}{32}$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

TRIM  
D/T AC



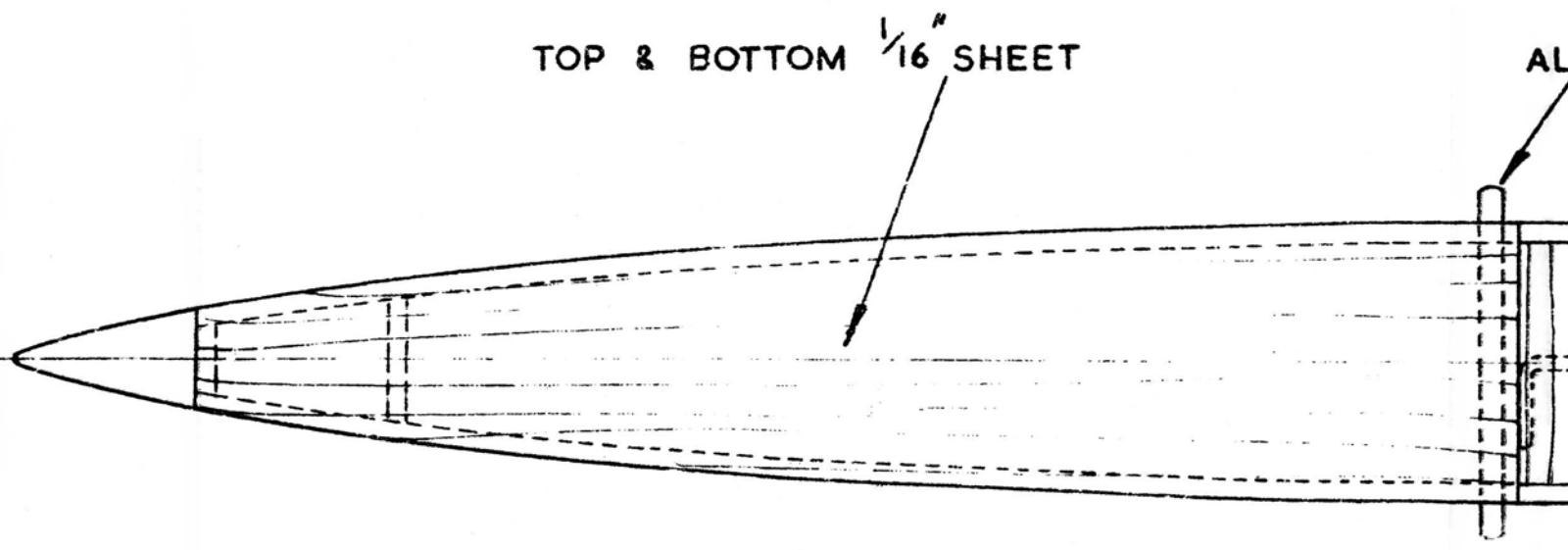


F1 & F2 FROM  $\frac{3}{32}$ " SHEET  
F3 & F4 "  $\frac{1}{16}$ " "



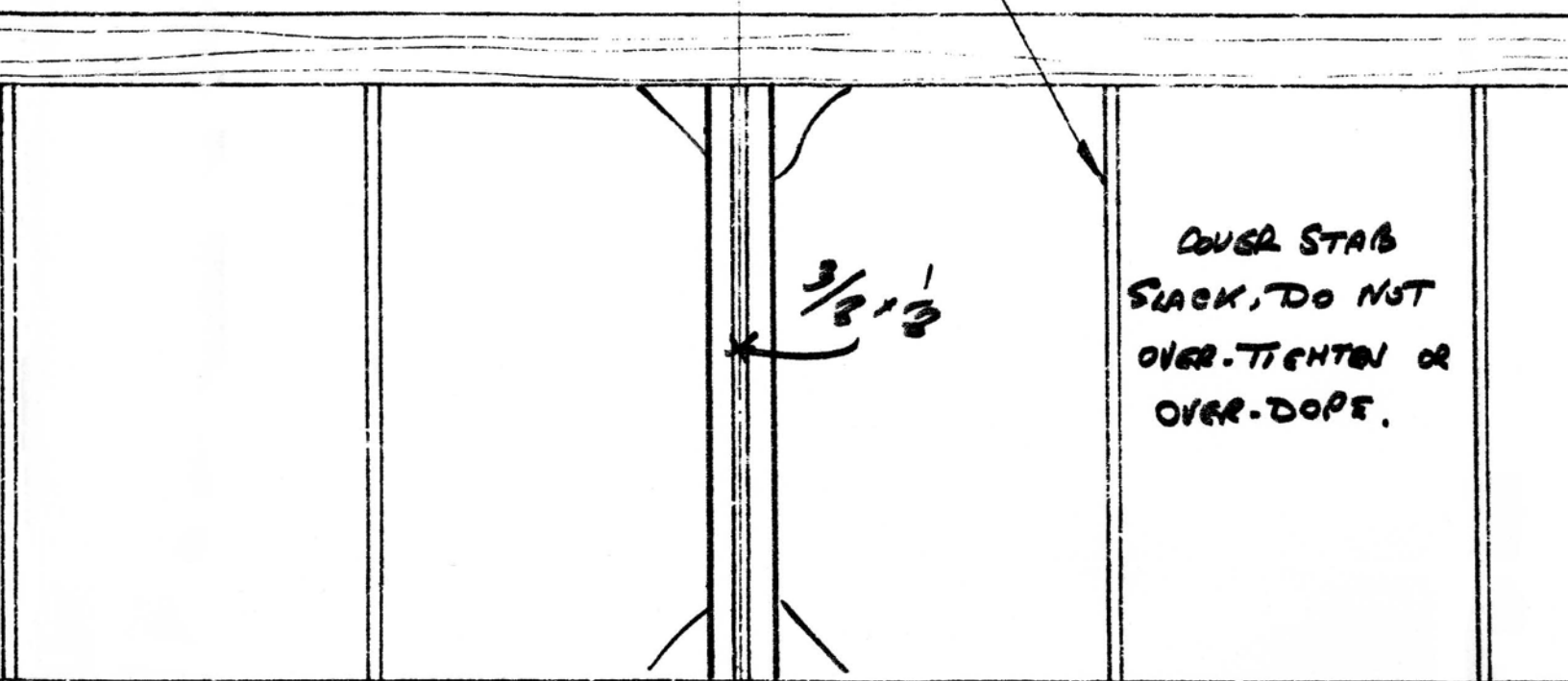
TOP & BOTTOM 1/16" SHEET

AL



1/8" X 1/16" RIBS

E

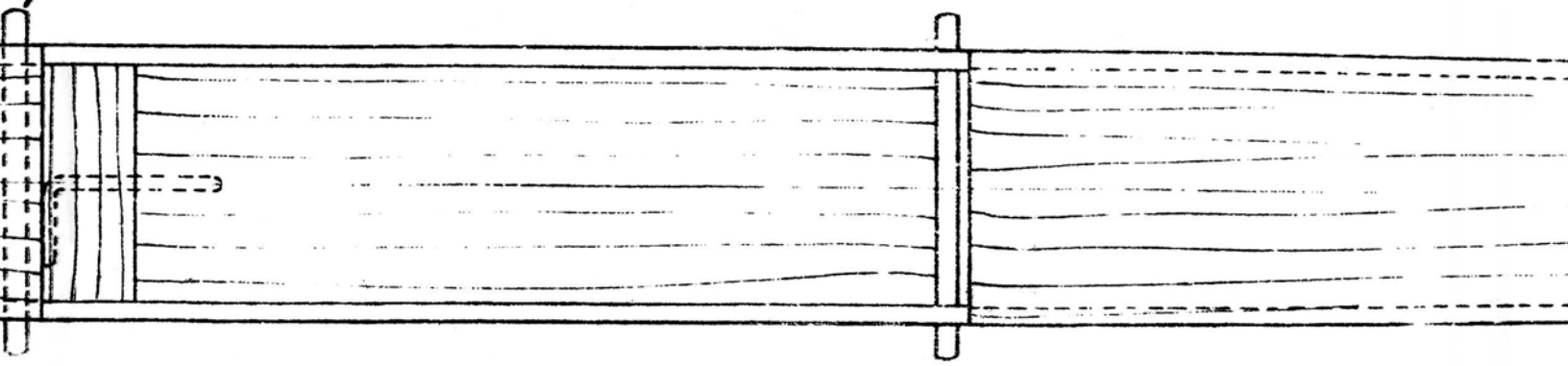


3/8"

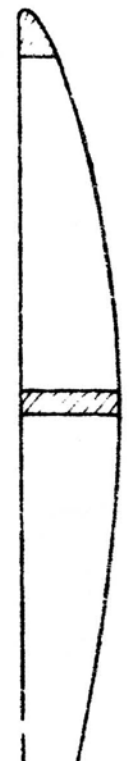
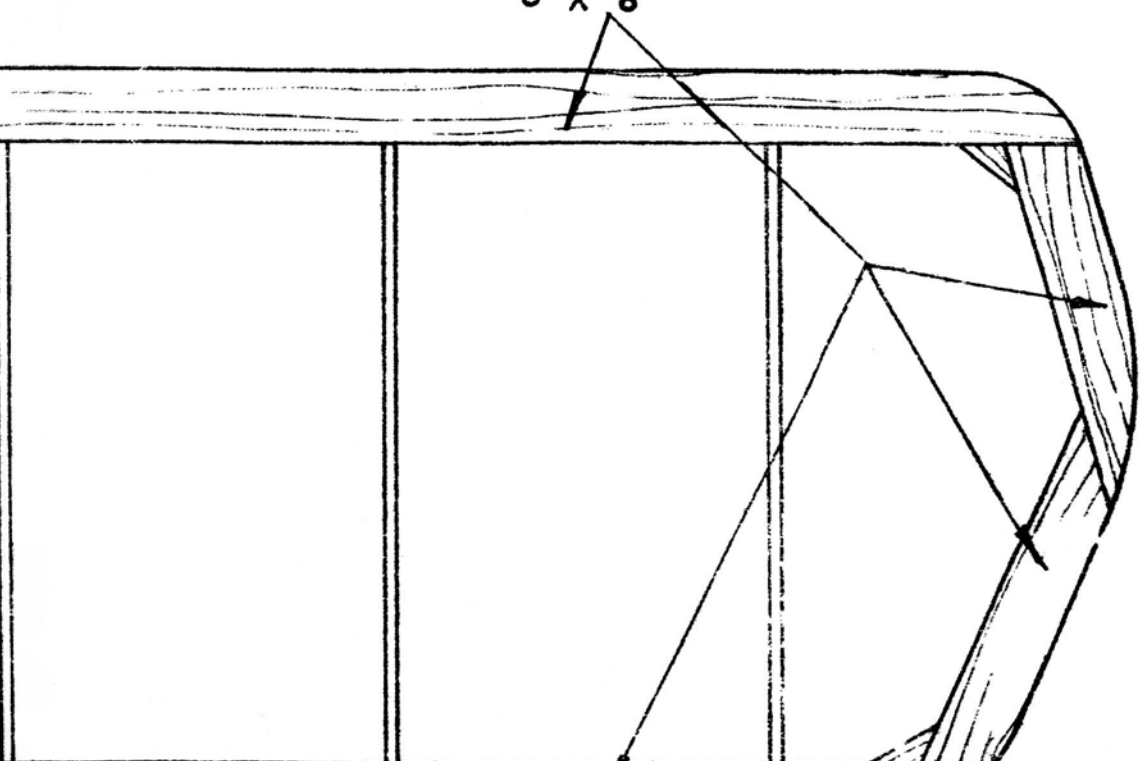
COVER STAB  
SLACK, DO NOT  
OVER-TIGHTEN OR  
OVER-DOPE.

TOWHOOK 16 SWG. (.064)  
ABOUT HERE IS OK. (ADJUSTABLE  
HOOK EVEN BETTER!)

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

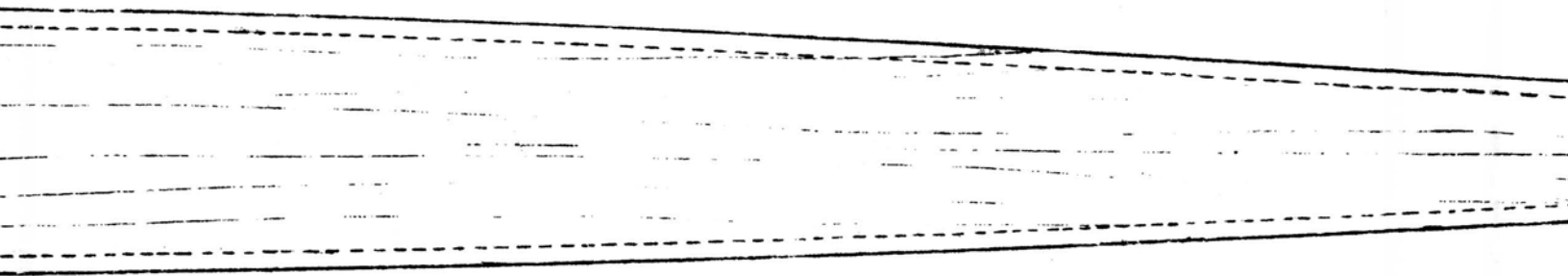


$\frac{3}{8}$ " x  $\frac{1}{8}$ "

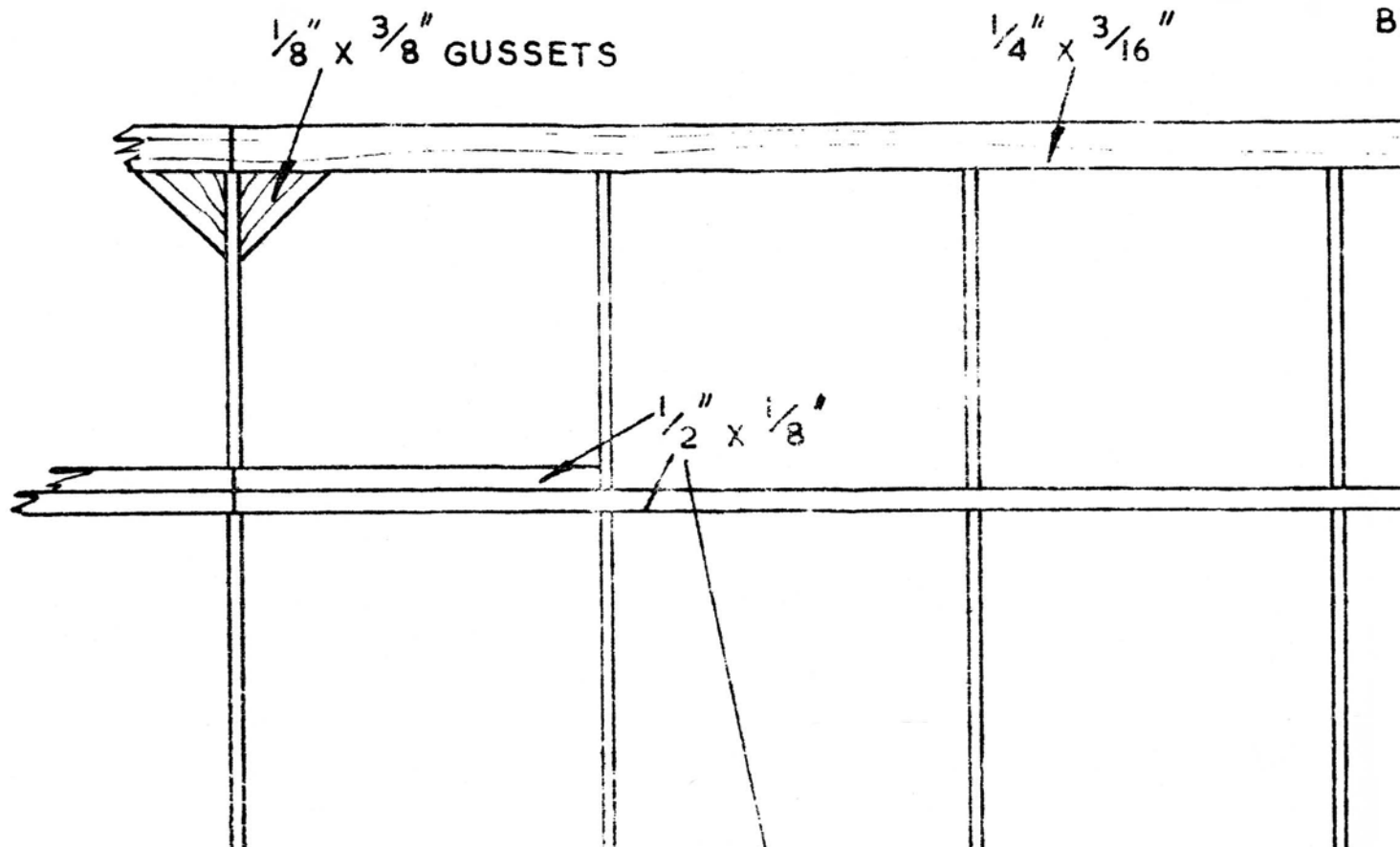


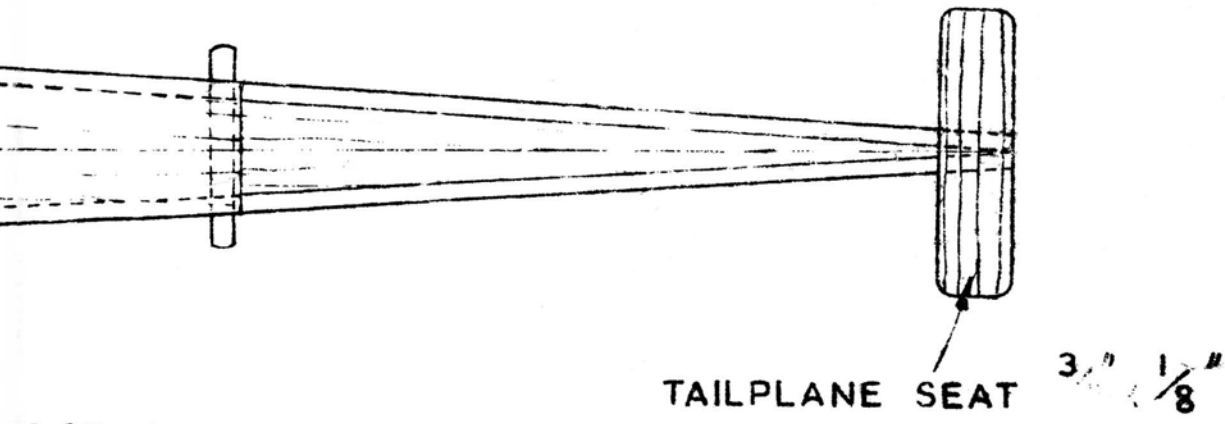
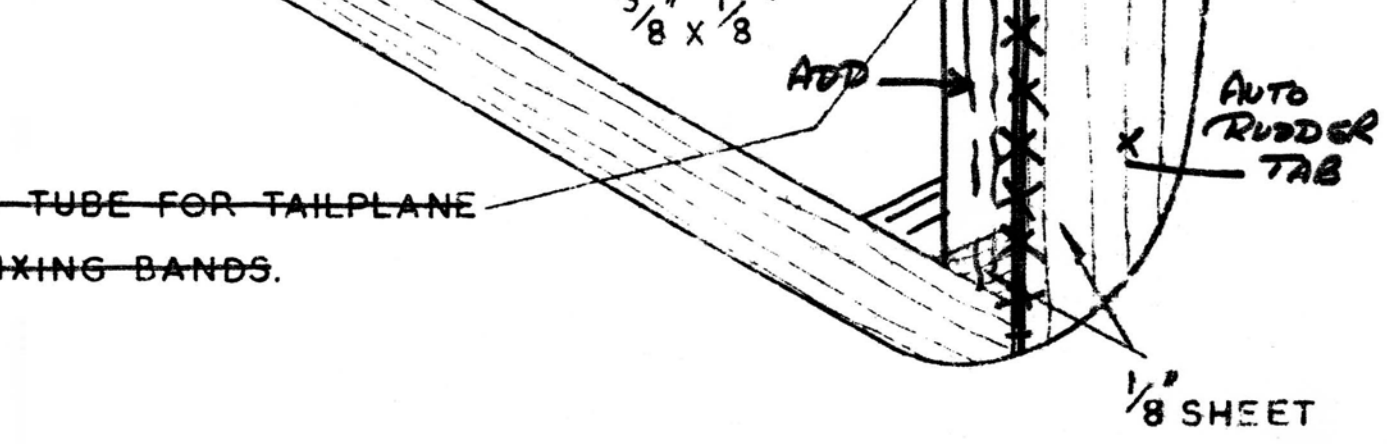


PAPER TUE  
FIXING



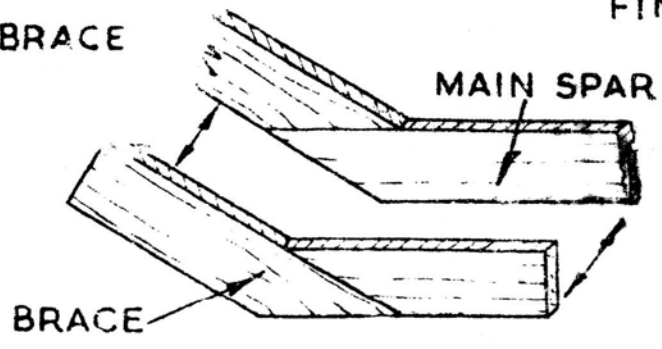
SKETCH SHOWS OPPOSITE SP  
OF MAIN SPAR & DIHEDRAL BR



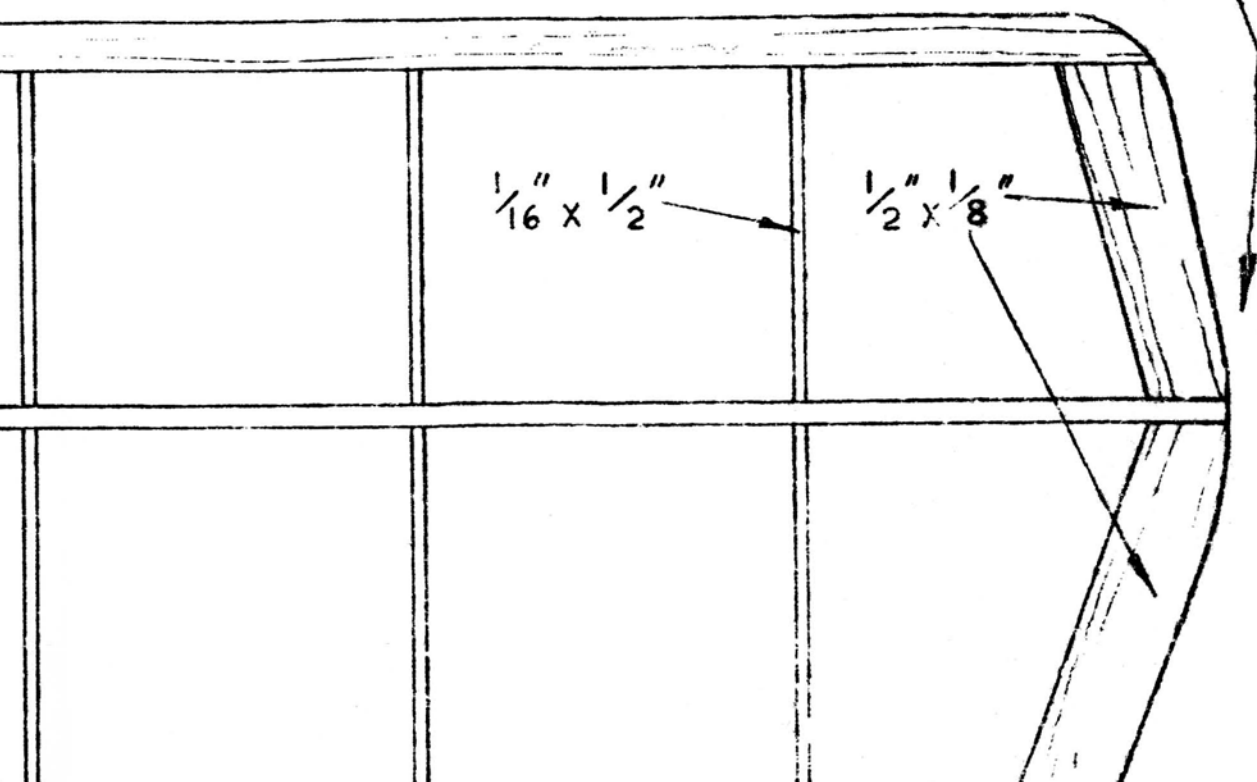


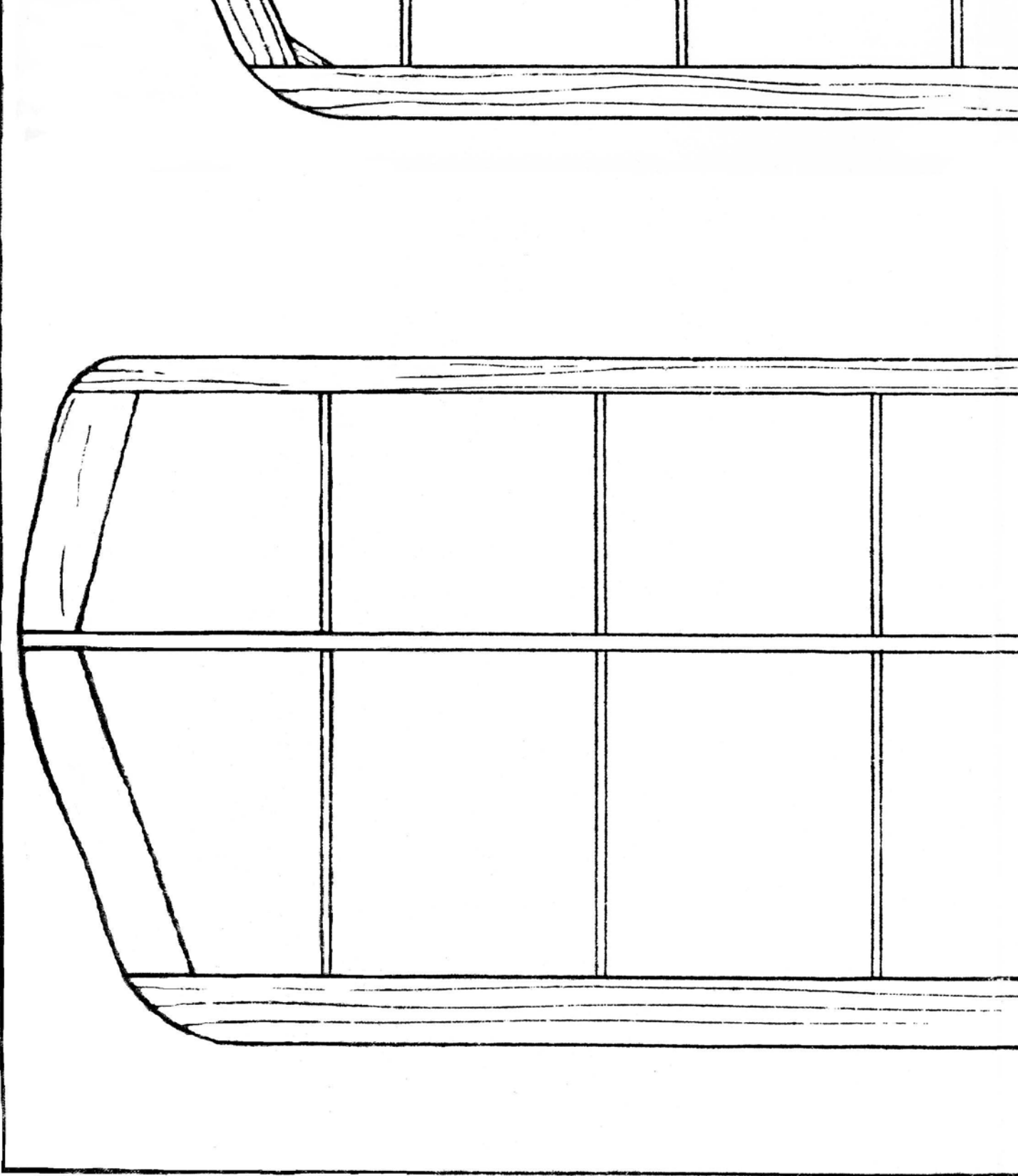
TE SPLICING  
 L BRACE

FIN OMITTED IN PLAN VIEW

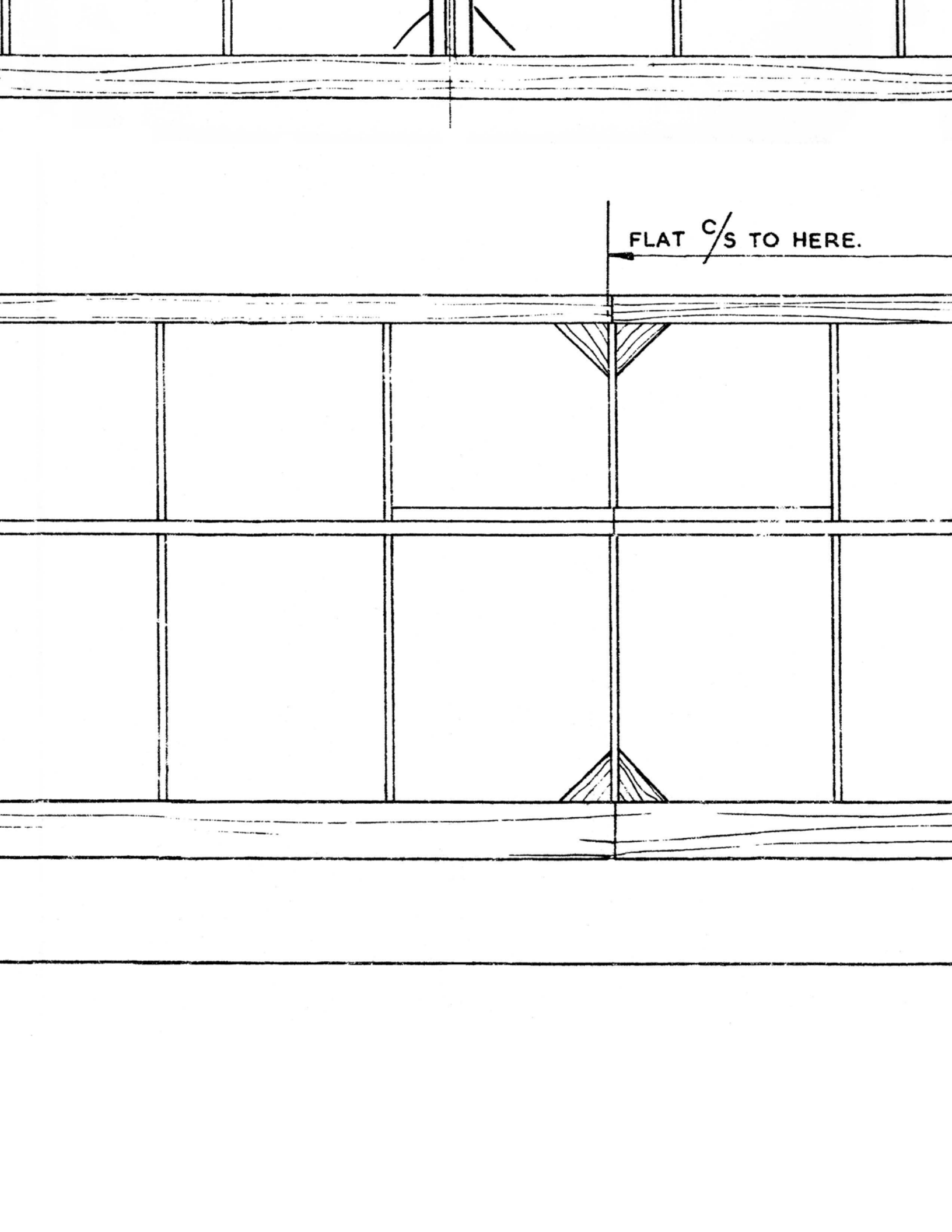


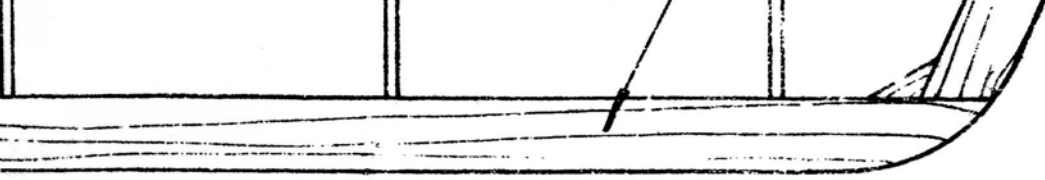
4" DIAGONAL AT TIPS





FLAT C/S TO HERE.





				$\frac{1}{2} \times \frac{1}{8}$ <u>HARD</u> CENTR

12

