

Barling NB-3

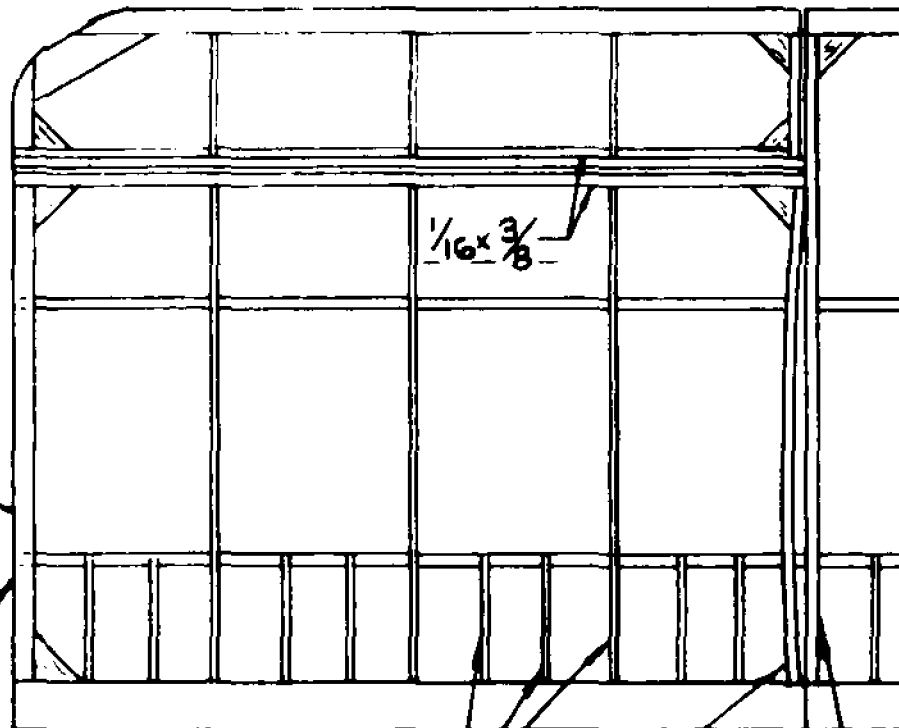
drawings by
Dick Gates

(R)
4

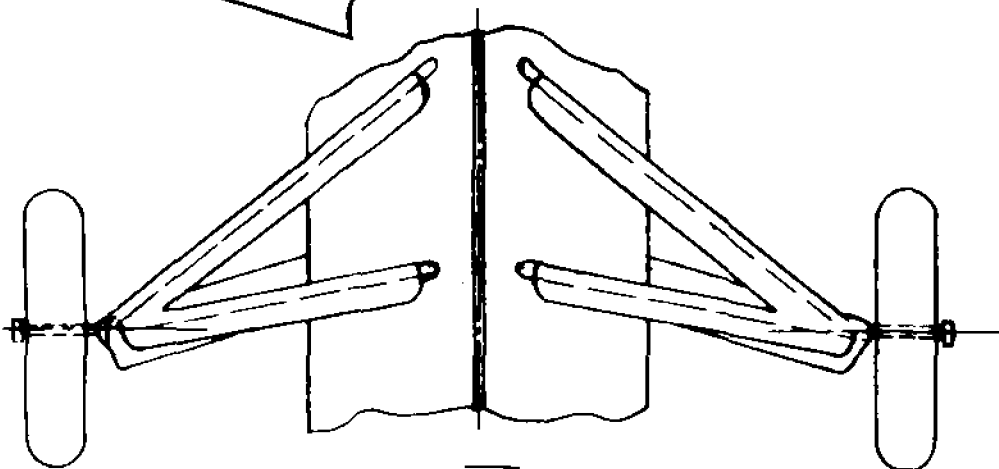
$\frac{1}{8}$ RIB

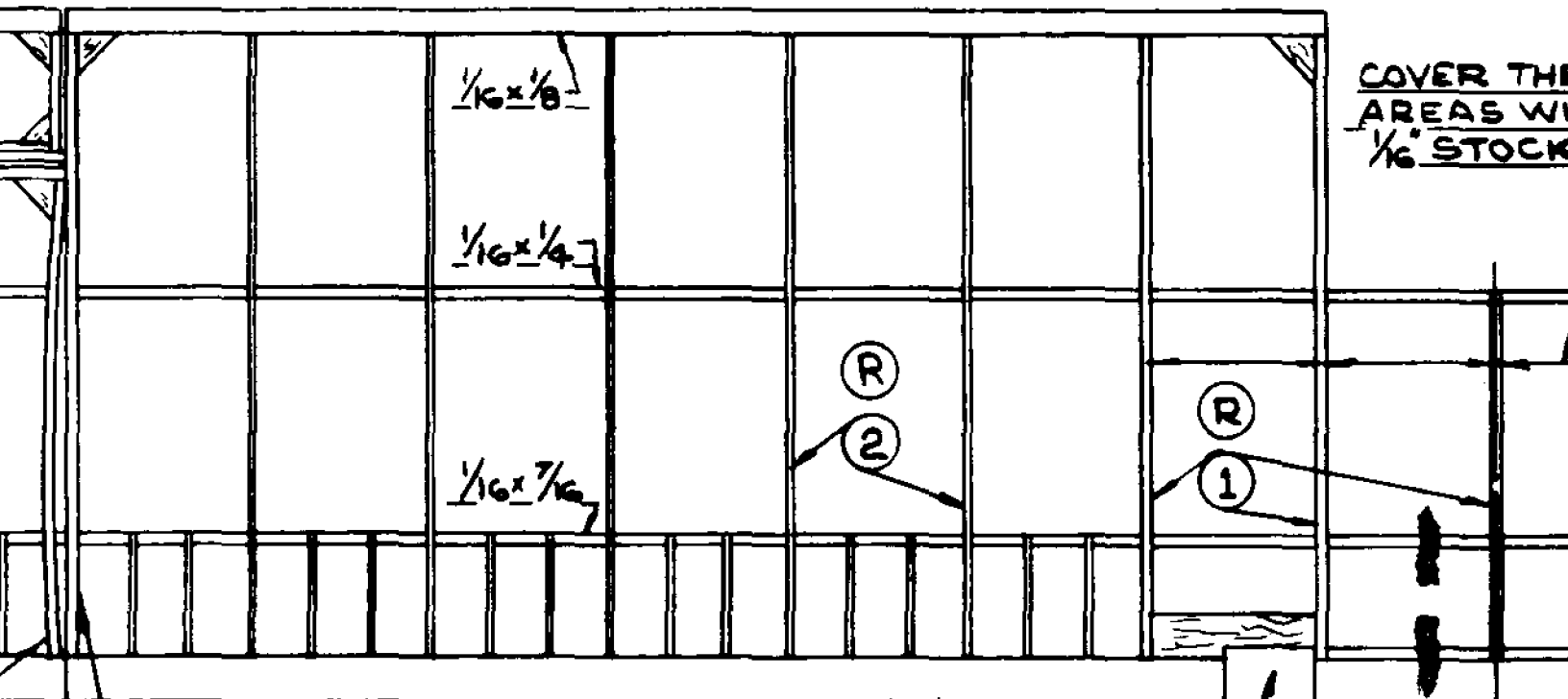
$\frac{1}{32}$ RIBS

$\frac{1}{16}$ RIBS



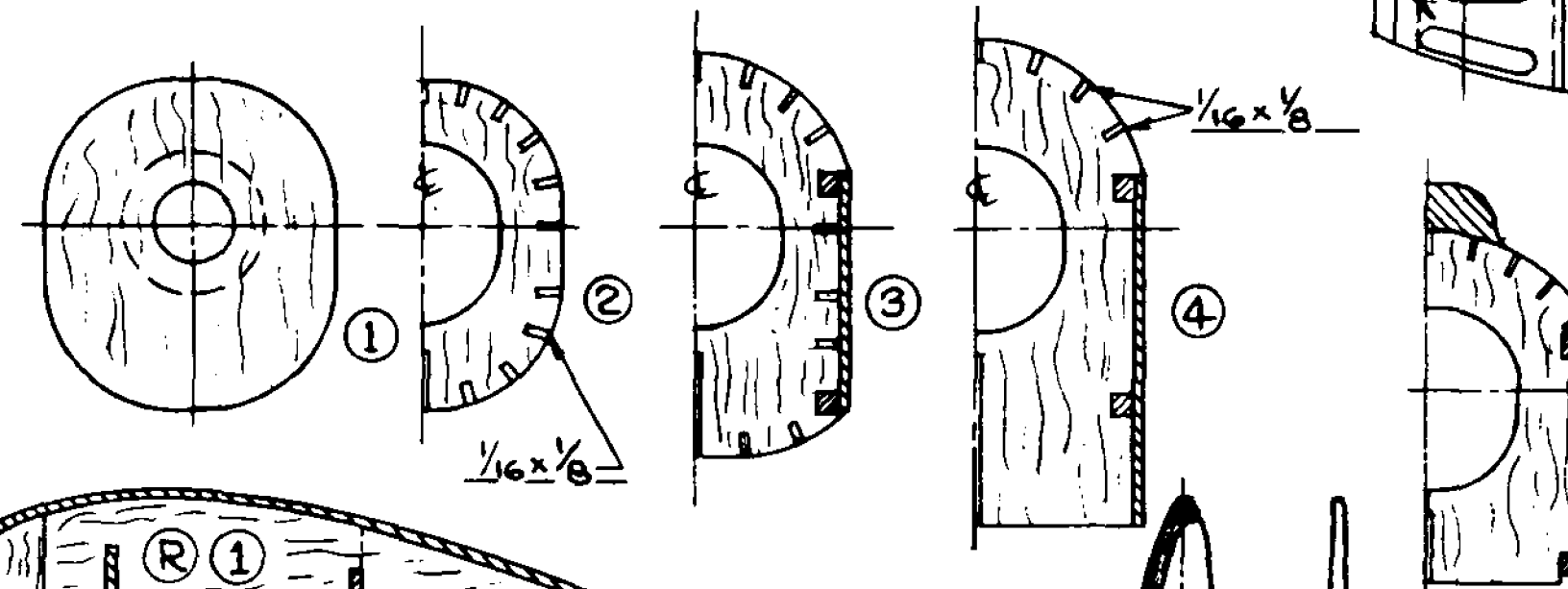
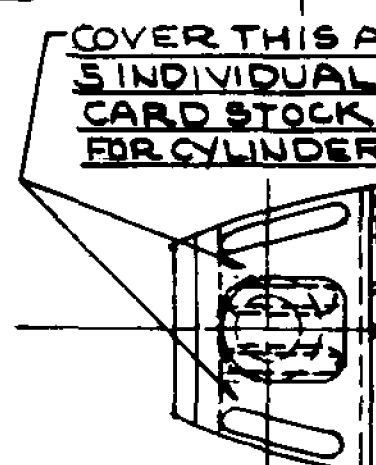
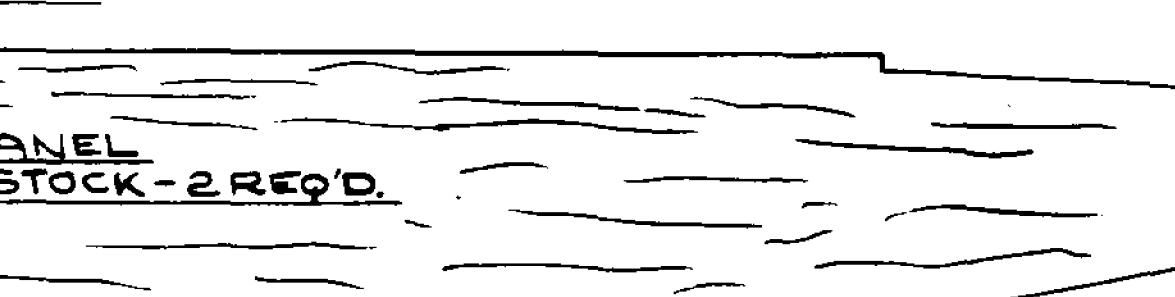
SIDE PANEL
 $\frac{1}{32}$ OR $\frac{1}{16}$ STOCK



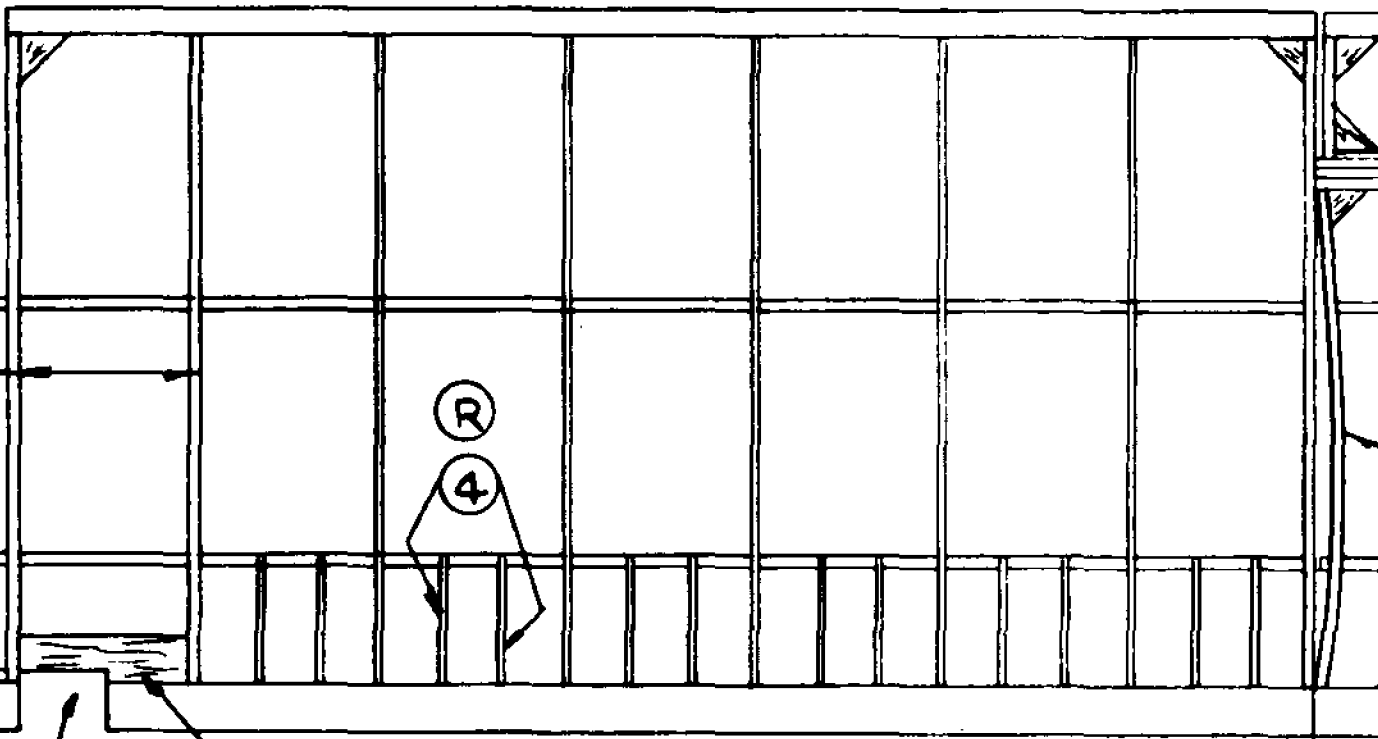


1/4 x 1/2

CUT OUT AFTER ASSEMBLY TO CLEAR LANDING GEAR

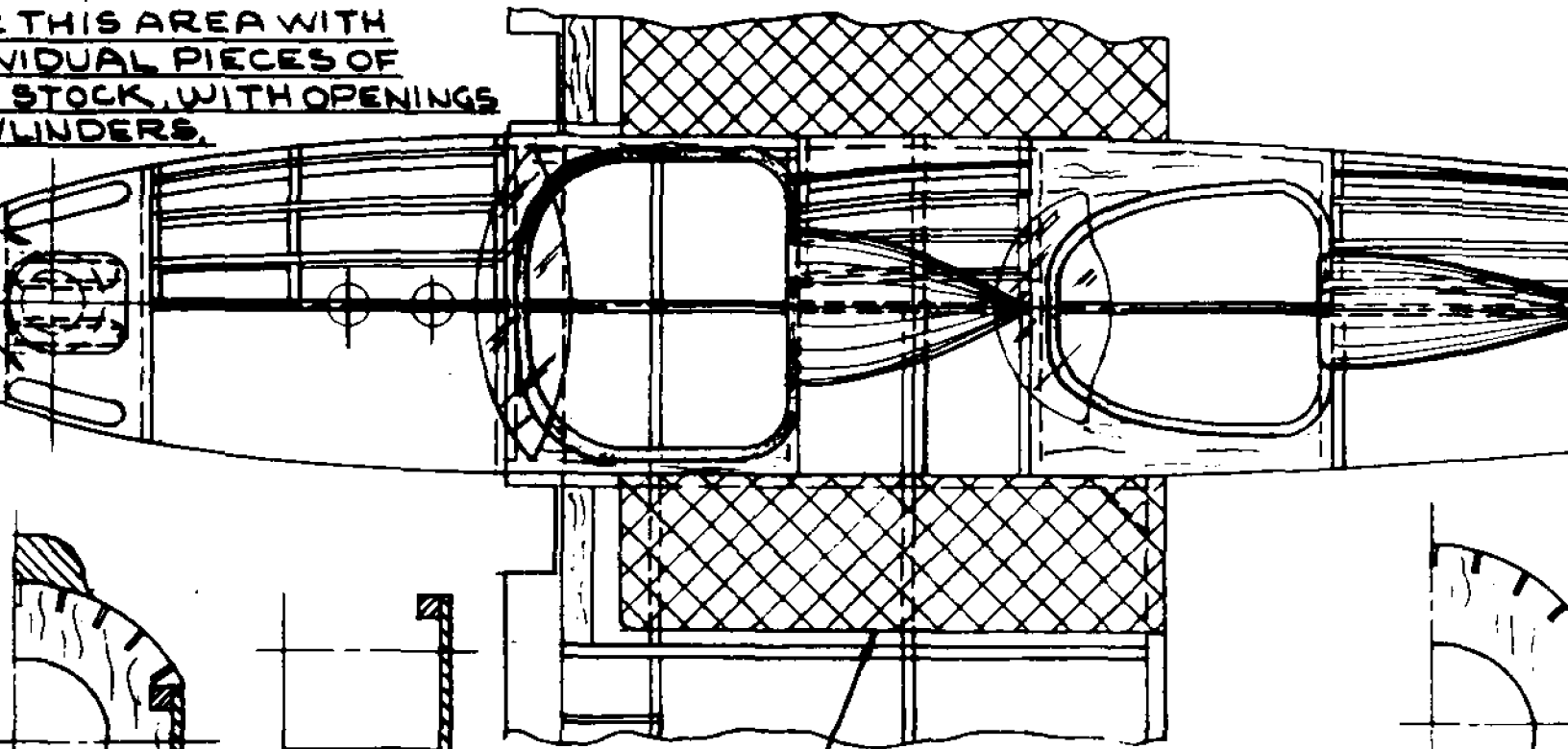


COVER THESE
AREAS WITH
STOCK.



BLOCK UP, AS SHOWN

THIS AREA WITH
INDIVIDUAL PIECES OF
STOCK, WITH OPENINGS
FOR CYLINDERS.

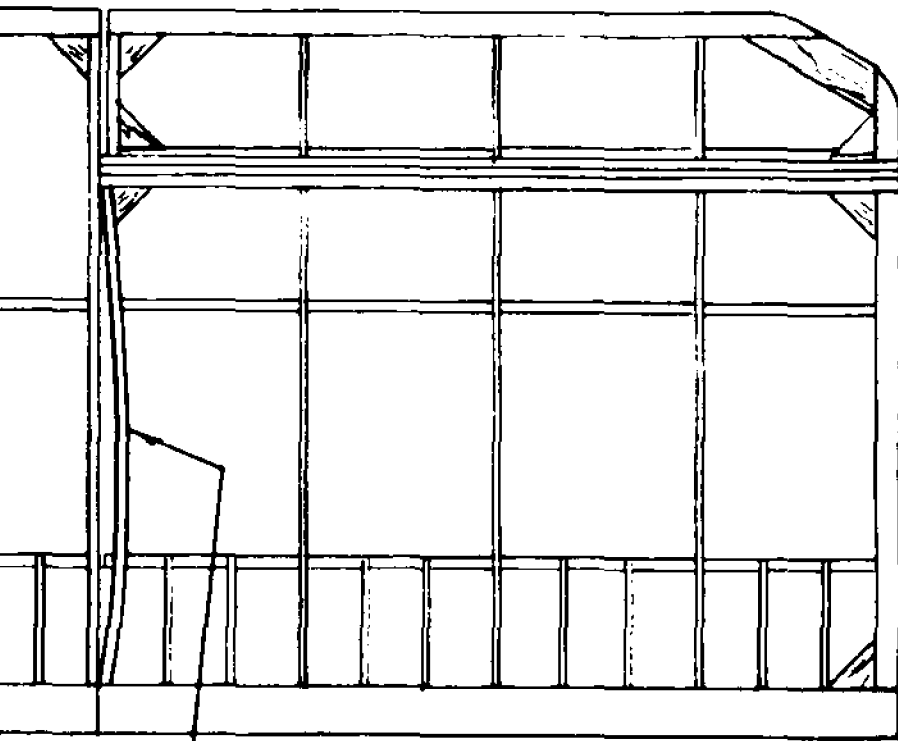


LABRASIVE WING WALKS
BOTH SIDES

⑤

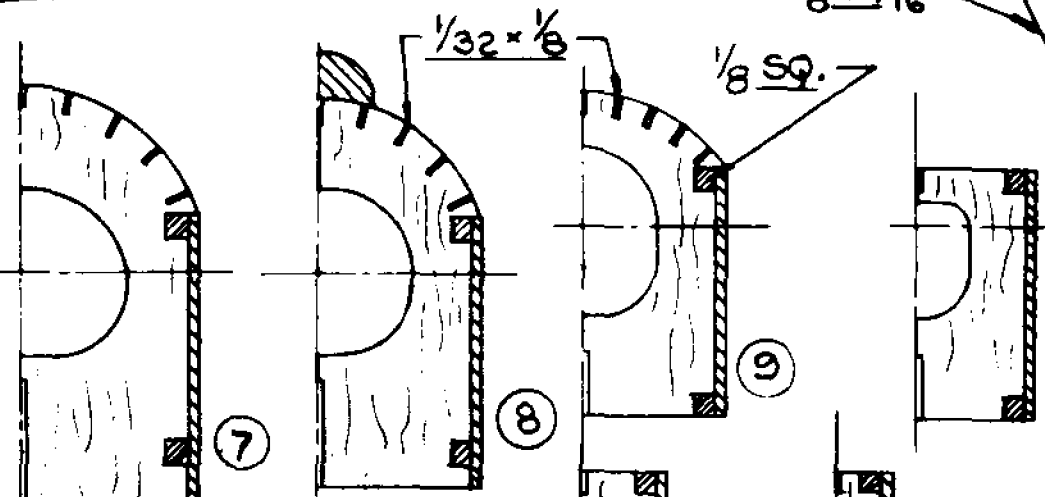
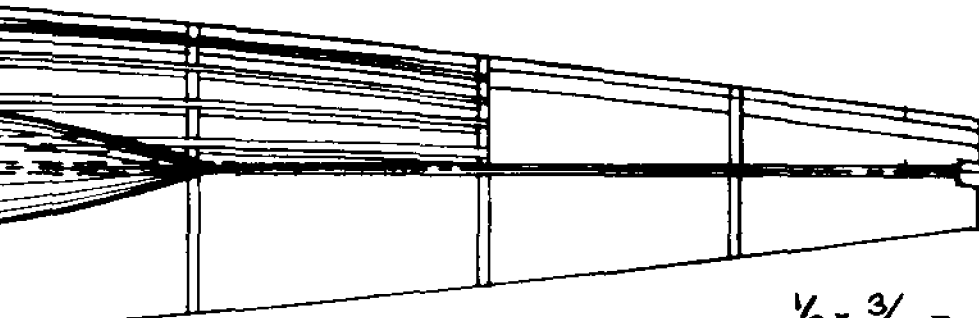
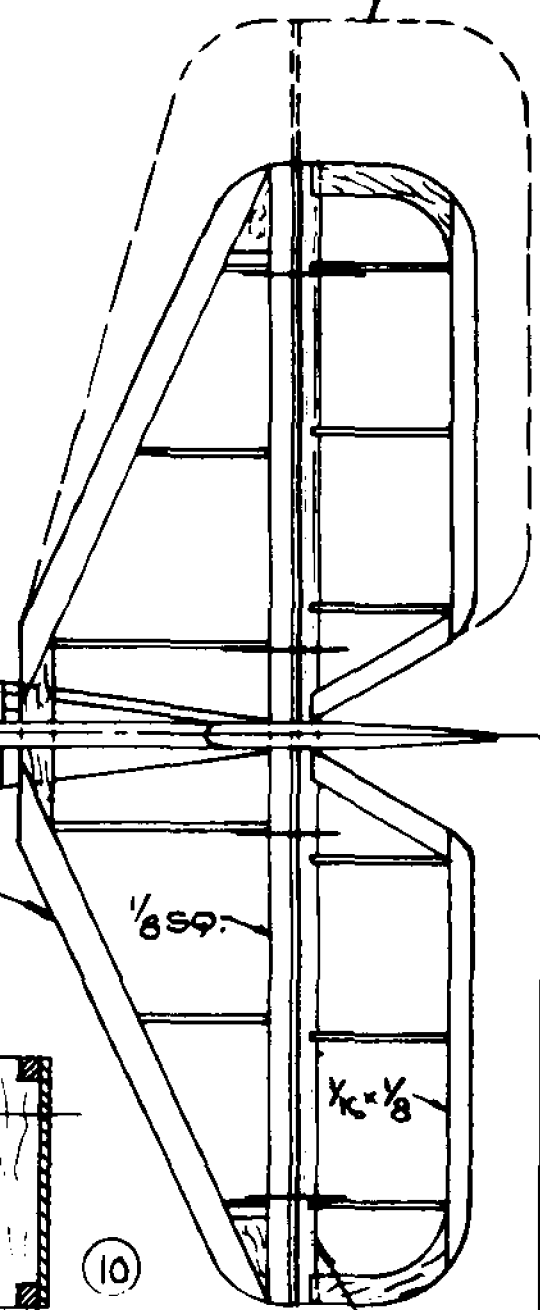
⑥

NOTE:
ALL BULKHEADS ARE 1/16

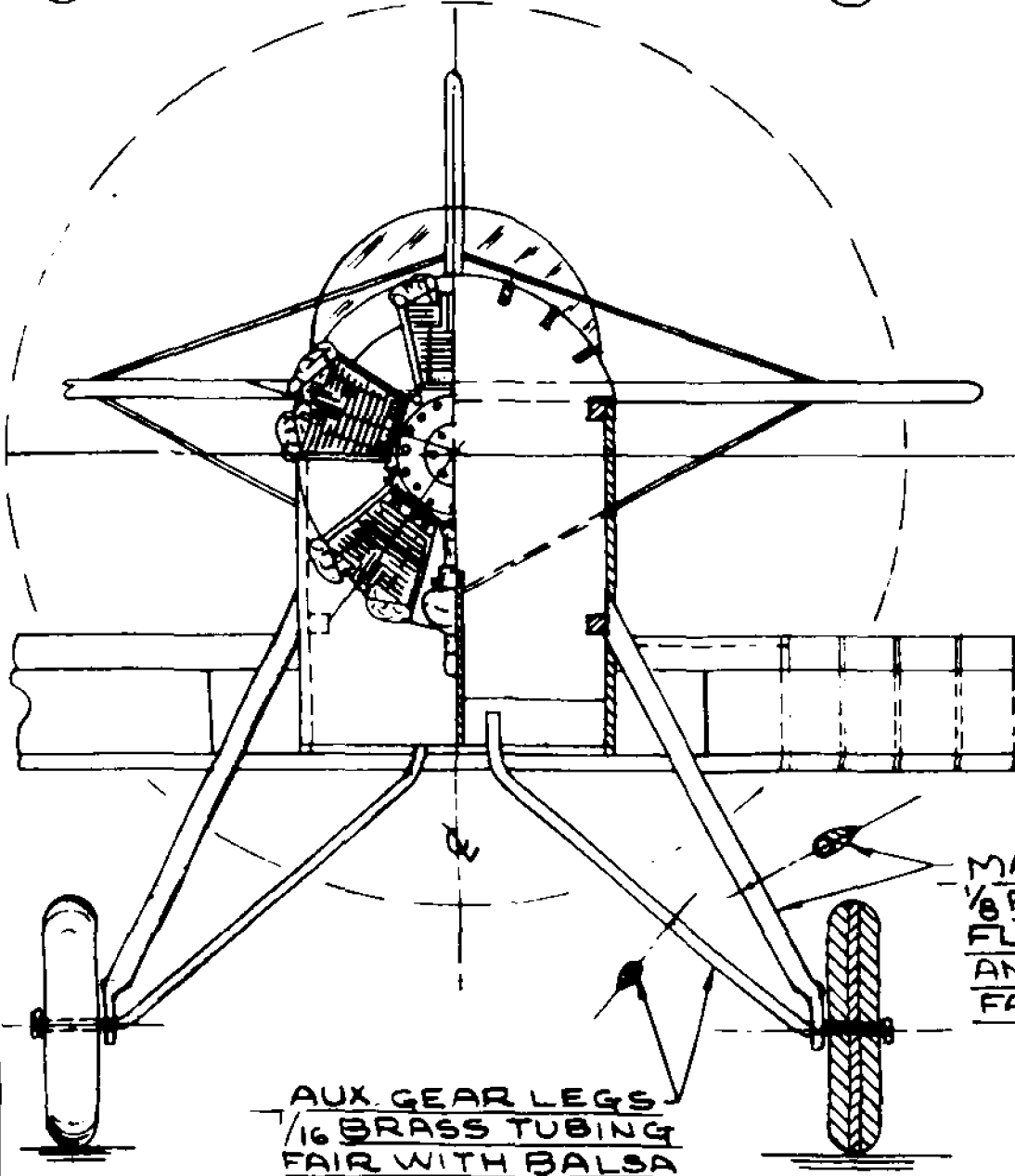


ENLARGE AS SHOWN
FOR FLYING MODEL

DO NOT CEMENT THIS RIB IN
PLACE UNTIL TIP IS RAISED
TO PROPER ANGLE.



$1/8 \text{ SQ.}$
 $1/8 \text{ x } 3/16$
 $1/8 \text{ SQ.}$
 $1/8 \text{ SQ.}$
 $1/8 \text{ DOWEL}$
 $1/8 \text{ x } 1/8$



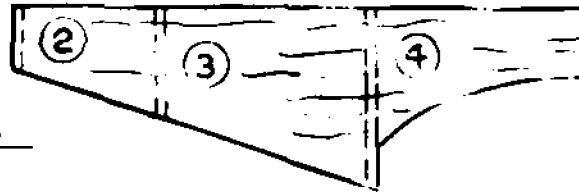
MAIN GEAR LEG
1/8 BRASS TUBING
FLATTEN END AS SHOWN
AND DRILL 1/16 HOLE.
FAIR WITH Balsa

AUX. GEAR LEGS
1/16 BRASS TUBING
FAIR WITH Balsa

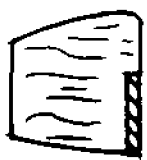
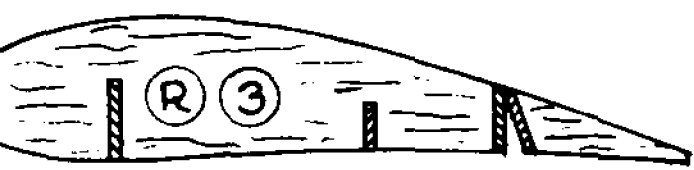
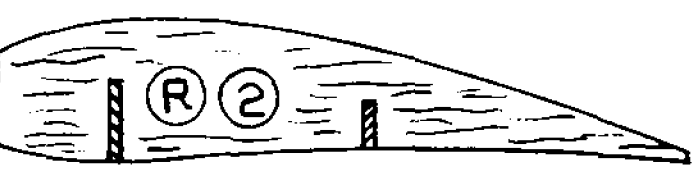
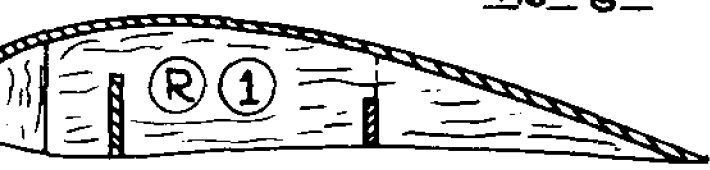
SUGGESTED COLORS:
BLACK FRONT & TOP OF
FUSELAGE, REMAINDER
AIRPLANE, INTERNATIONAL
ORANGE.

FOR ADDITIONAL INFORMATION SEE:
"US. CIVIL AIRCRAFT, VOL. 2 BY JUPNER,
AAHS JOURNAL, VOL. 27, #2, SUMMER 1982

THE DUMMY RADIAL LEBLOND ENGINE
MAY BE BUILT USING WILLIAMS BROS.
BASIC CYLINDERS & Balsa DISCS AS
SHOWN ON THE SIDE VIEW.

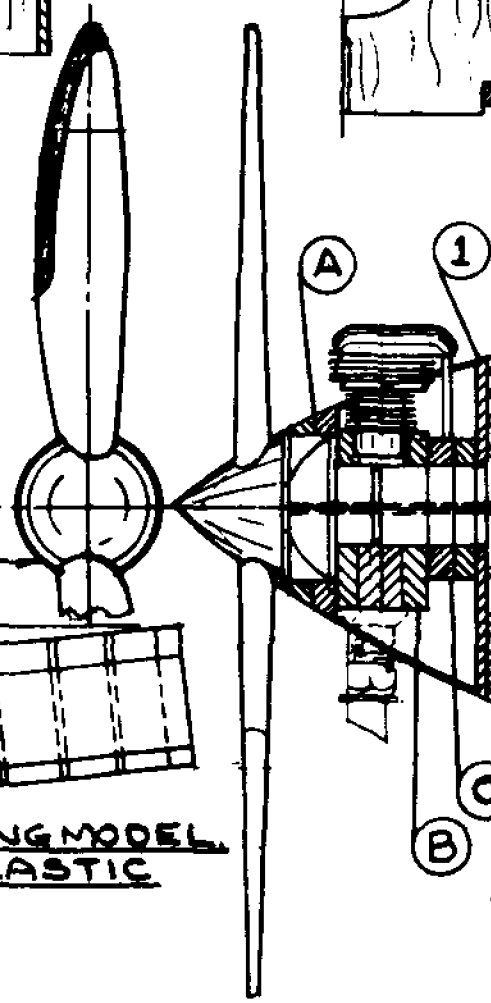


$\frac{1}{16} \times \frac{1}{8}$

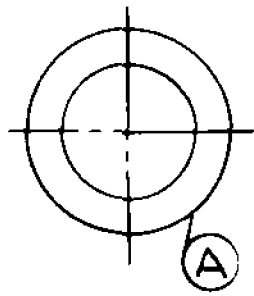


R4

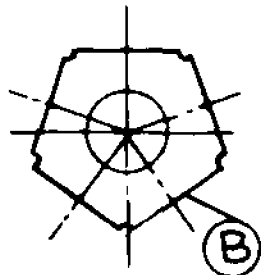
SCALE PROP.



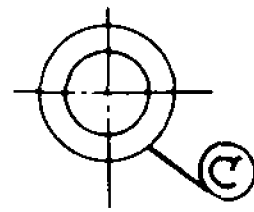
AS SHOWN
SOLE
-SA



A



B

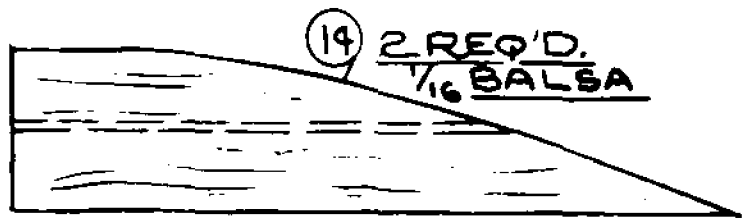


C

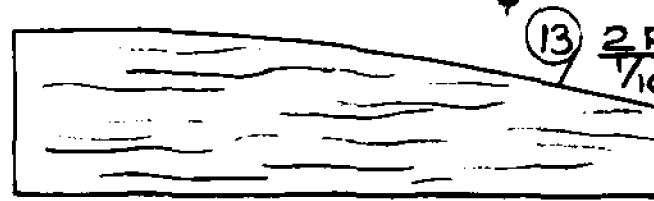
FOR FLYING MODEL
USE 6" PLASTIC
PROP.

NOTE: ITEMS A,
ARE $\frac{1}{8}$ BALSA
INTERNAL DIAS. 6"
BY THE SIZE OF NOSE
USED BY THE BUIL

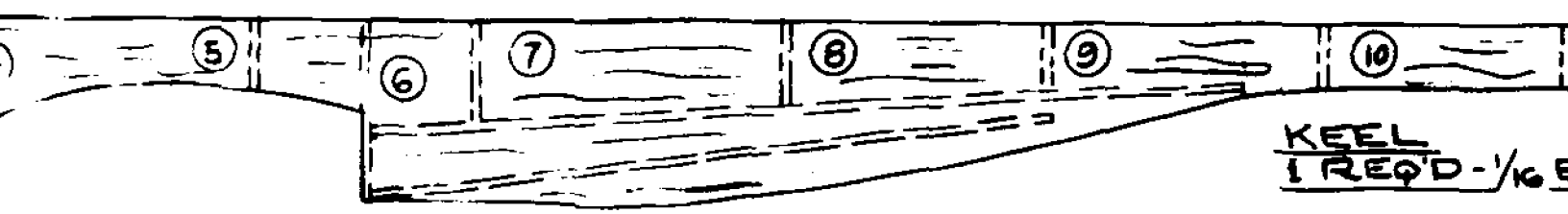
RS!
POF
INDER OF
NATIONAL



14 2 REQ'D.
 $\frac{1}{16}$ BALSA



13 2 REQ'D.
 $\frac{1}{16}$ BALSA

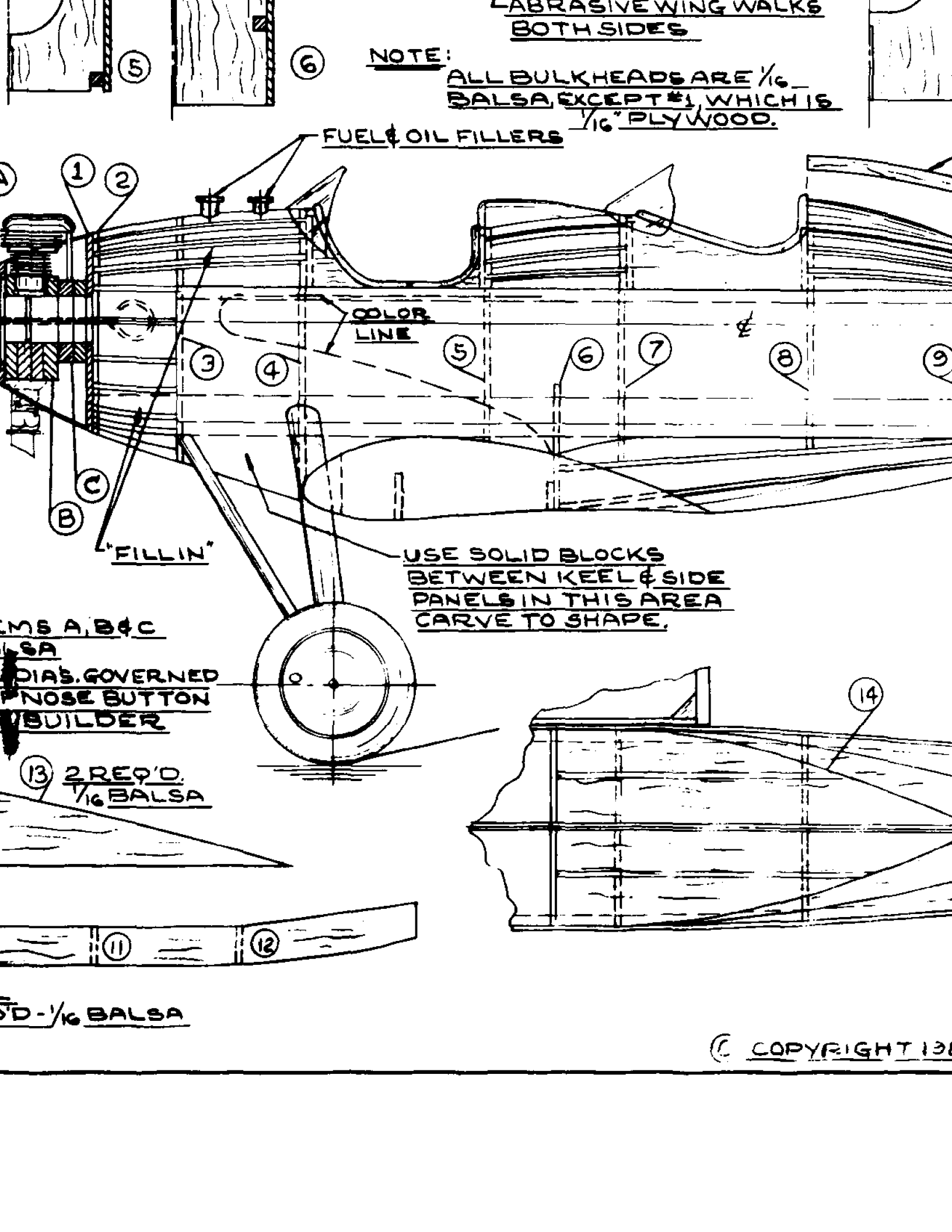


KEEL
1 REQ'D. $\frac{1}{16}$ BALSA

LABRASIVE WING WALKS
BOTH SIDES

NOTE:

ALL BULKHEADS ARE 1/16"
BALSA EXCEPT #1 WHICH IS
1/16" PLYWOOD.



FUEL & OIL FILLERS

COLOR
LINE

"FILLIN"

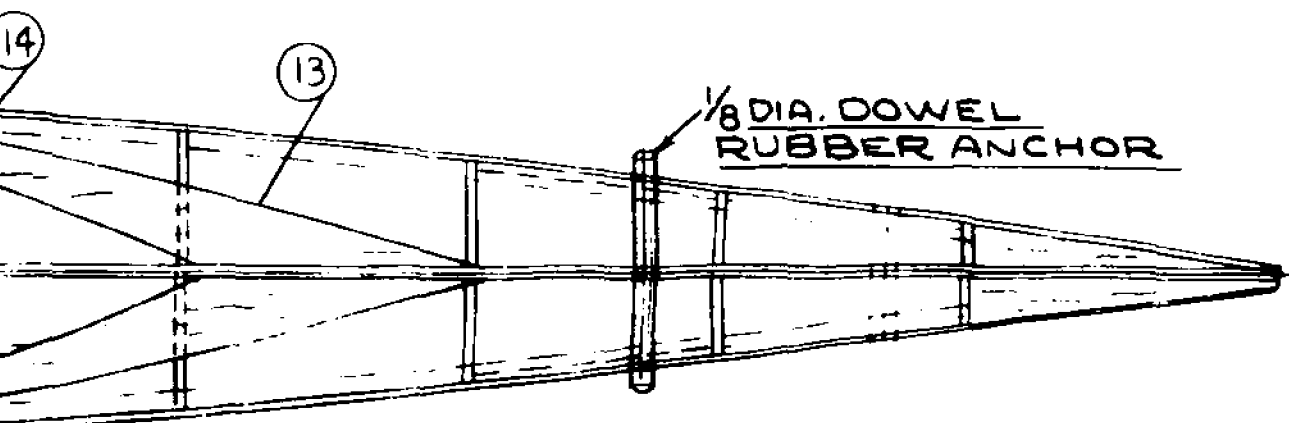
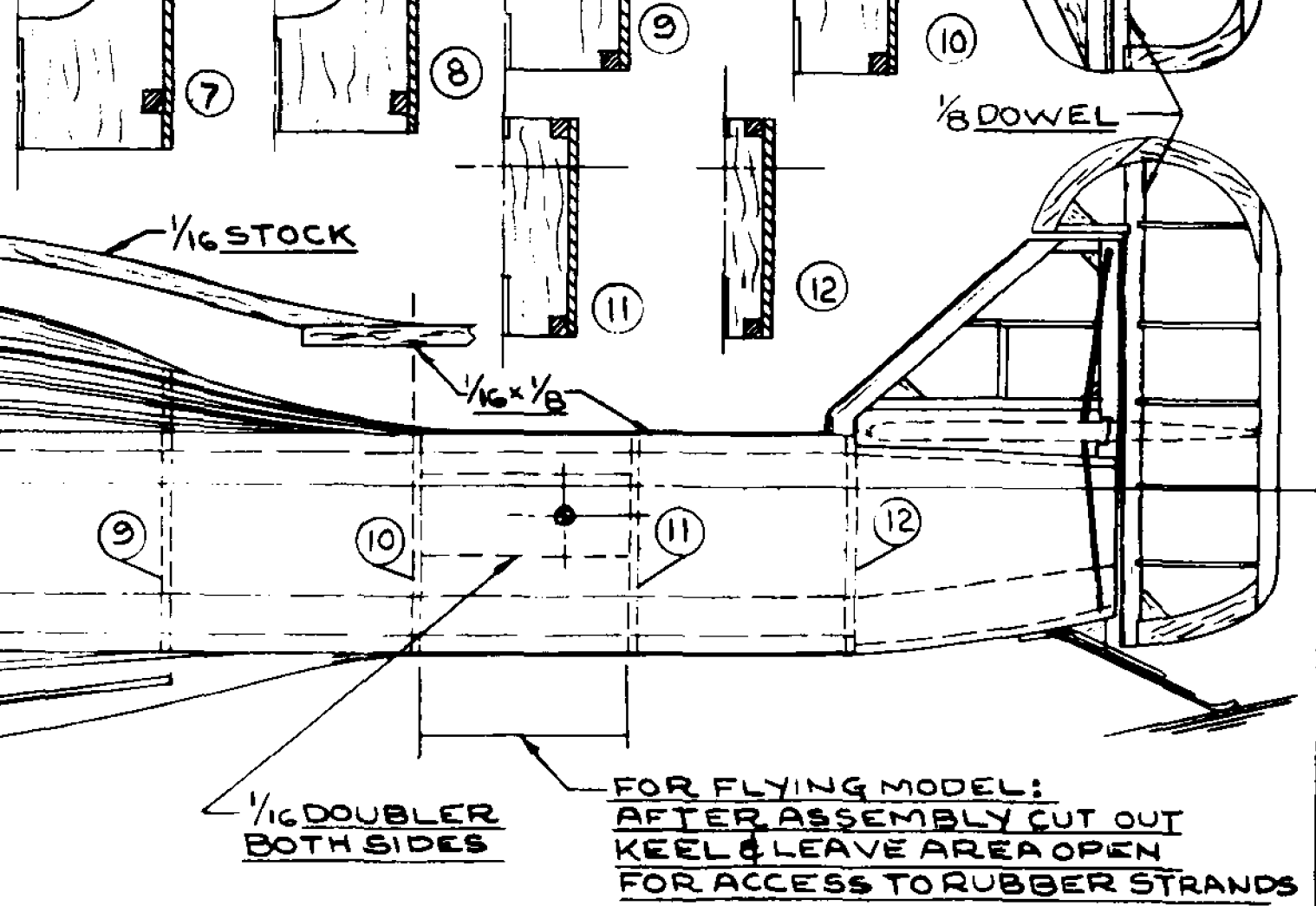
USE SOLID BLOCKS
BETWEEN KEEL & SIDE
PANELS IN THIS AREA
CARVE TO SHAPE.

ITEMS A, B & C
1/8" DIA. GOVERNED
NOSE BUTTON
BUILDER

13 2 REQ'D.
1/16" Balsa

1/8" DIA - 1/16" Balsa

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BARLING NB-3
BUILT BY: NICHOLAS-BEAZLEY AIRPLANE CO.
ENGINE: LEBLOND GO TO 90
SCALE: $\frac{3}{4}$ " = 1'
DRAWN BY: DICK GATES

RIGHT 1389 BY RICHARD L. GATES