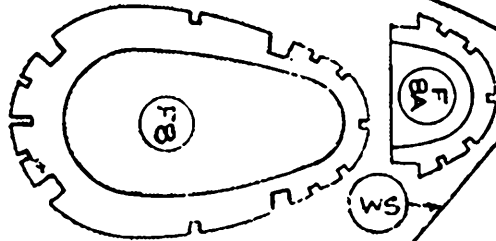


CUT 2 FROM THIN CARD.
SEE PLATE "7":

(WF)

BUILD UP 2
AIR INTAKES
FROM BLOCK BALSA.

WIRELESS AERIAL. OBSERVATION HATCH.



CUT AWAY WHEN
FITTING CELLULOID.

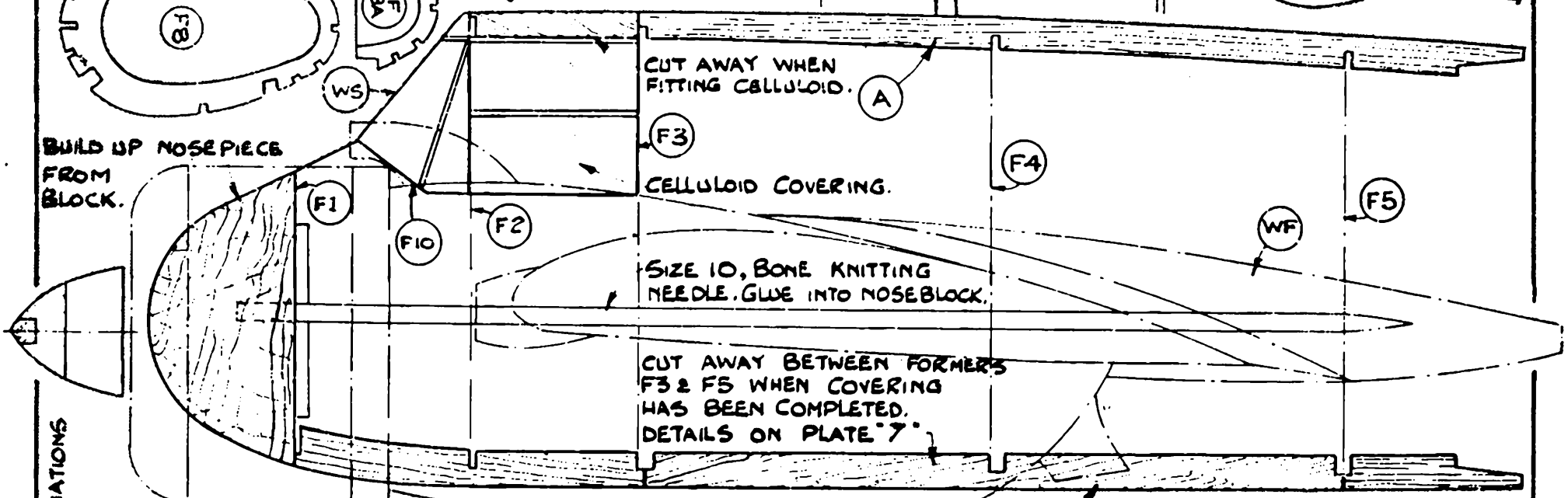
(A)

CELLULOID COVERING.

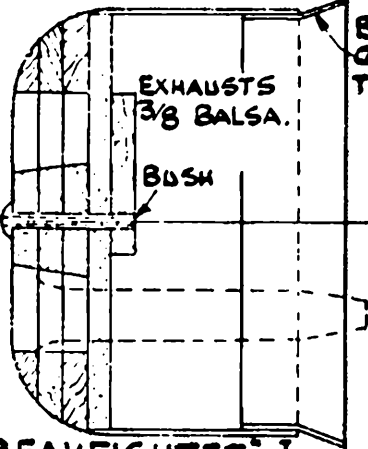
SIZE 10, BONE KNITTING
NEEDLE. GLUE INTO NOSEBLOCK.

CUT AWAY BETWEEN FORMERS
F3 & F5 WHEN COVERING
HAS BEEN COMPLETED.
DETAILS ON PLATE "7".

BUILD UP NOSEPIECE
FROM
BLOCK.



BUILD UP COWLS FROM LAMINATIONS
OF 1/8 SHEET AS SHOWN.

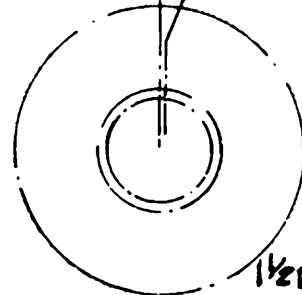


EXHAUSTS
3/8 BALSA.

BUSH

BUILD COWL
GILLS FROM
THIN CARD.

FOR UNDER-
CARRIAGE DE-
TAILS SEE
PLATE "6".

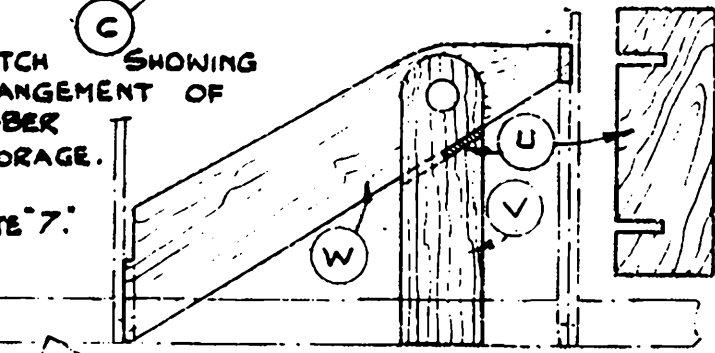


1/2 DIA. WHEELS.

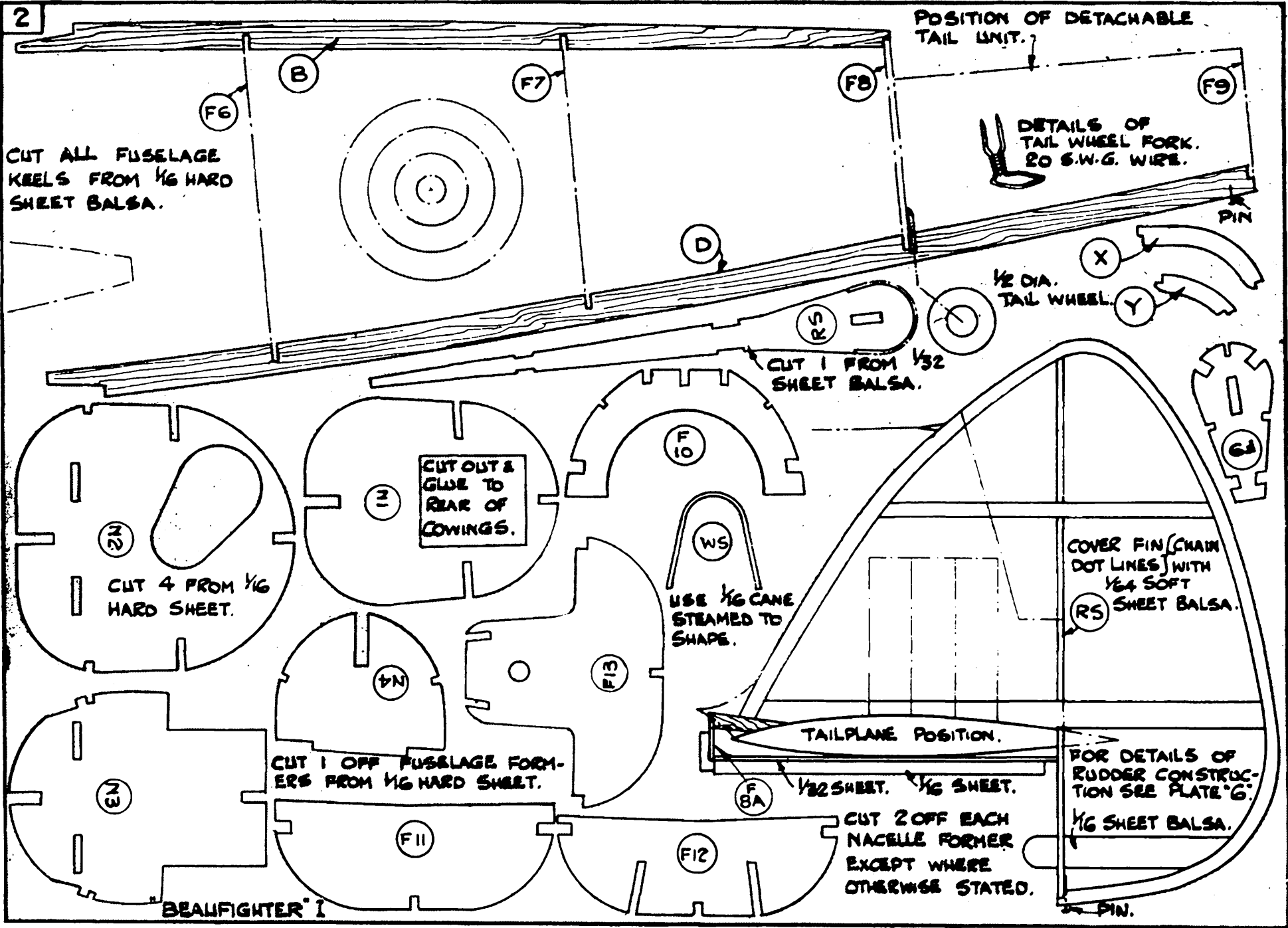
SKETCH
SHOWING
ARRANGEMENT OF
RUBBER
ANCHORAGE.
SEE
PLATE "7".

(C)

PROPELLER BLADE. CUT 6
FROM 3/8 HARD BALSA. CARVE
TO AEROFOIL SHAPE.



1 'BEAUFIGHTER' I



CUT ALL FUSELAGE KEELS FROM 1/16 HARD SHEET BALSA.

POSITION OF DETACHABLE TAIL UNIT.

DETAILS OF TAIL WHEEL FORK. 20 S.W.G. WIRE.

CUT 1 FROM 1/32 SHEET BALSA.

CUT OUT & GLUE TO REAR OF COWINGS.

CUT 4 FROM 1/16 HARD SHEET.

USE 1/16 CANE STEAMED TO SHAPE.

CUT 1 OFF FUSELAGE FORMERS FROM 1/16 HARD SHEET.

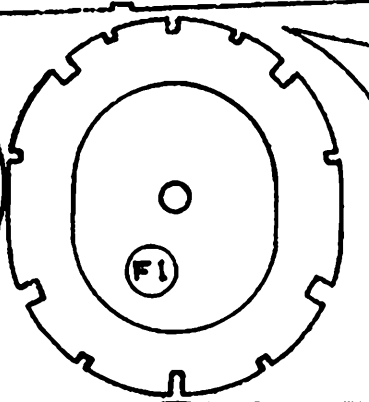
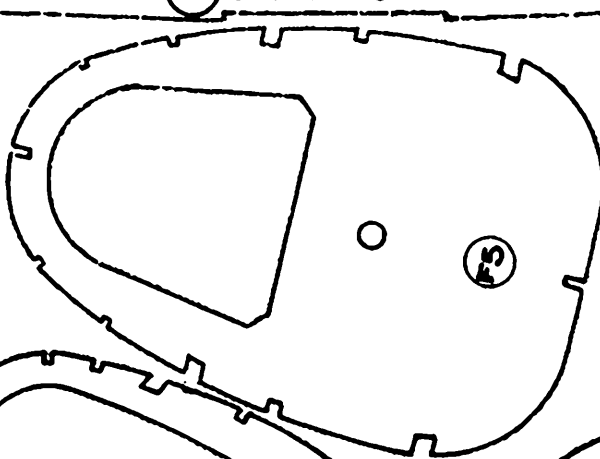
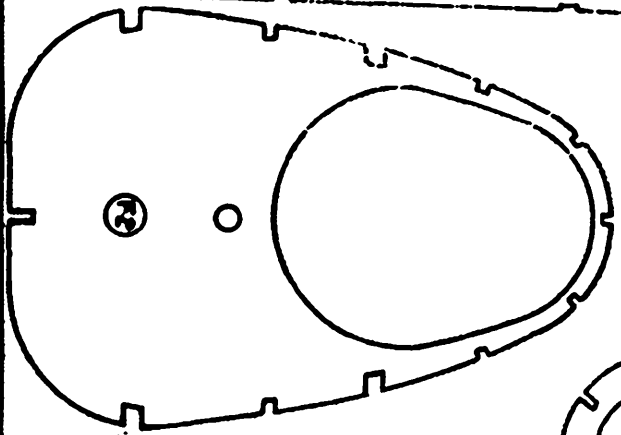
TAILPLANE POSITION.

COVER FIN (CHAIN DOT LINES) WITH 1/64 SOFT SHEET BALSA.

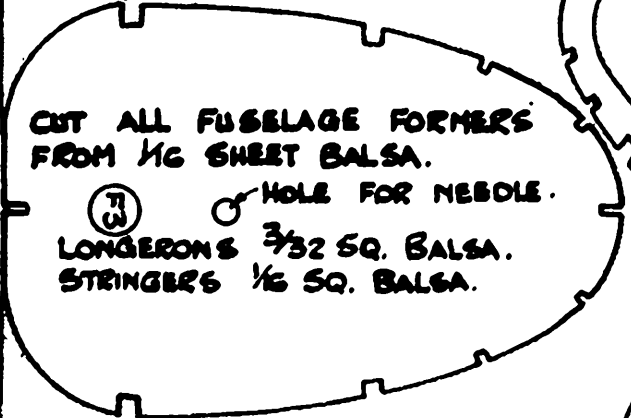
CUT 2 OFF EACH NACELLE FORMER EXCEPT WHERE OTHERWISE STATED.

FOR DETAILS OF RUDDER CONSTRUCTION SEE PLATE 'G'. 1/16 SHEET BALSA.

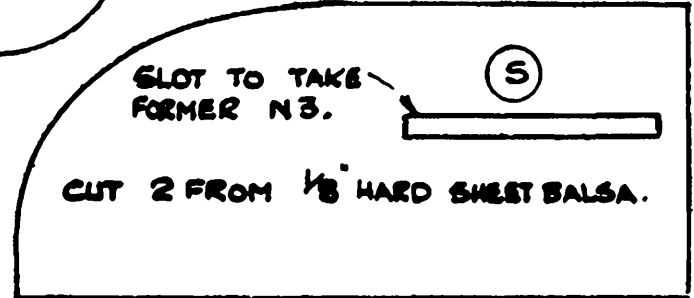
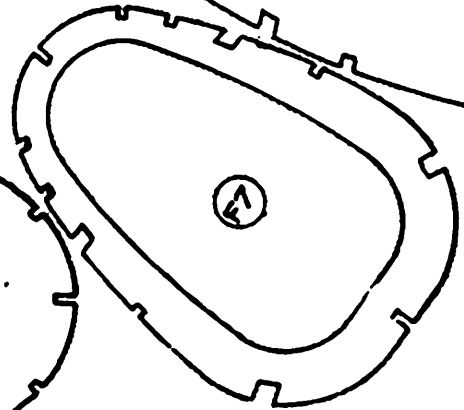
(TS) CUT 1 FROM 1/32 HARD SHEET Balsa.



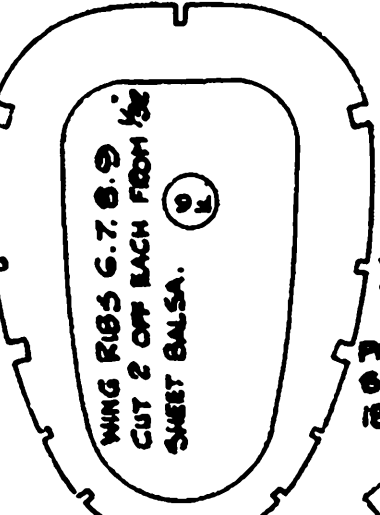
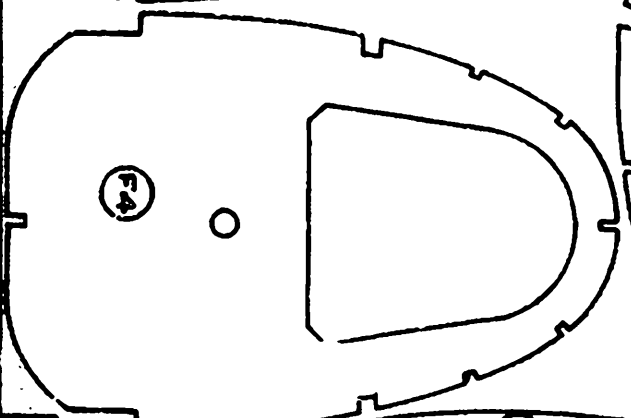
(T)
CUT 2 FROM 1/16 HARD SHEET Balsa.



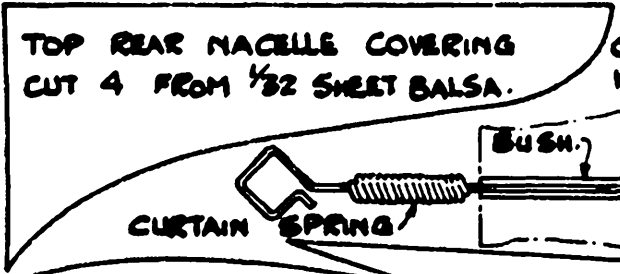
CUT ALL FUSELAGE FORMERS FROM 1/16 SHEET Balsa.
(3) HOLE FOR NEEDLE.
LONGERONS 3/32 SQ. Balsa.
STRINGERS 1/16 SQ. Balsa.



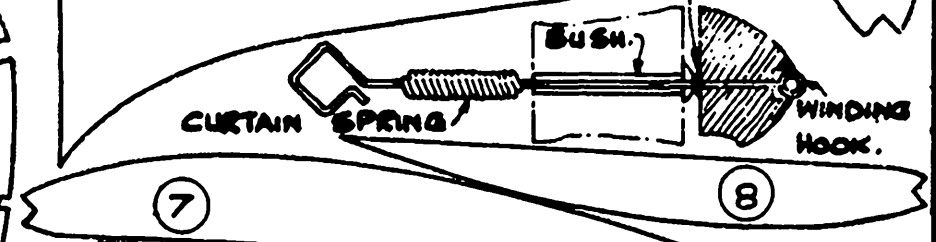
SLOT TO TAKE FORMER N3.
(5)
CUT 2 FROM 1/8 HARD SHEET Balsa.



WING RIBS G.7.8.9
CUT 2 OFF EACH FROM 1/32 SHEET Balsa. (9)

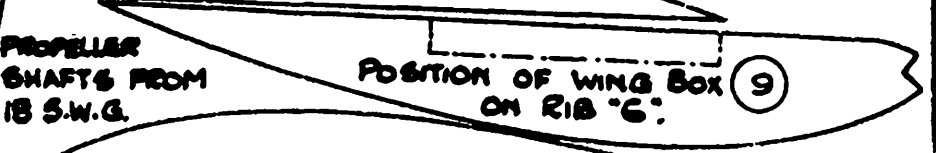


TOP REAR NACELLE COVERING
CUT 4 FROM 1/32 SHEET Balsa.

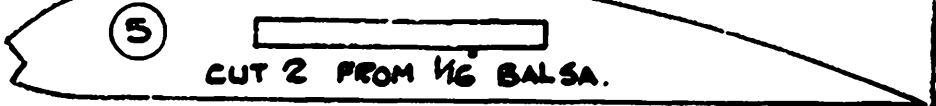


CUP WASHER.
WINDING HOOK.

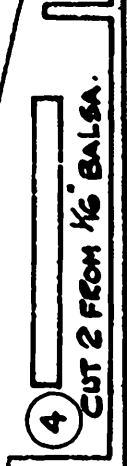
PROPELLER SHAFTS FROM 18 S.W.G.



POSITION OF WING BOX ON RIB 'G'. (9)

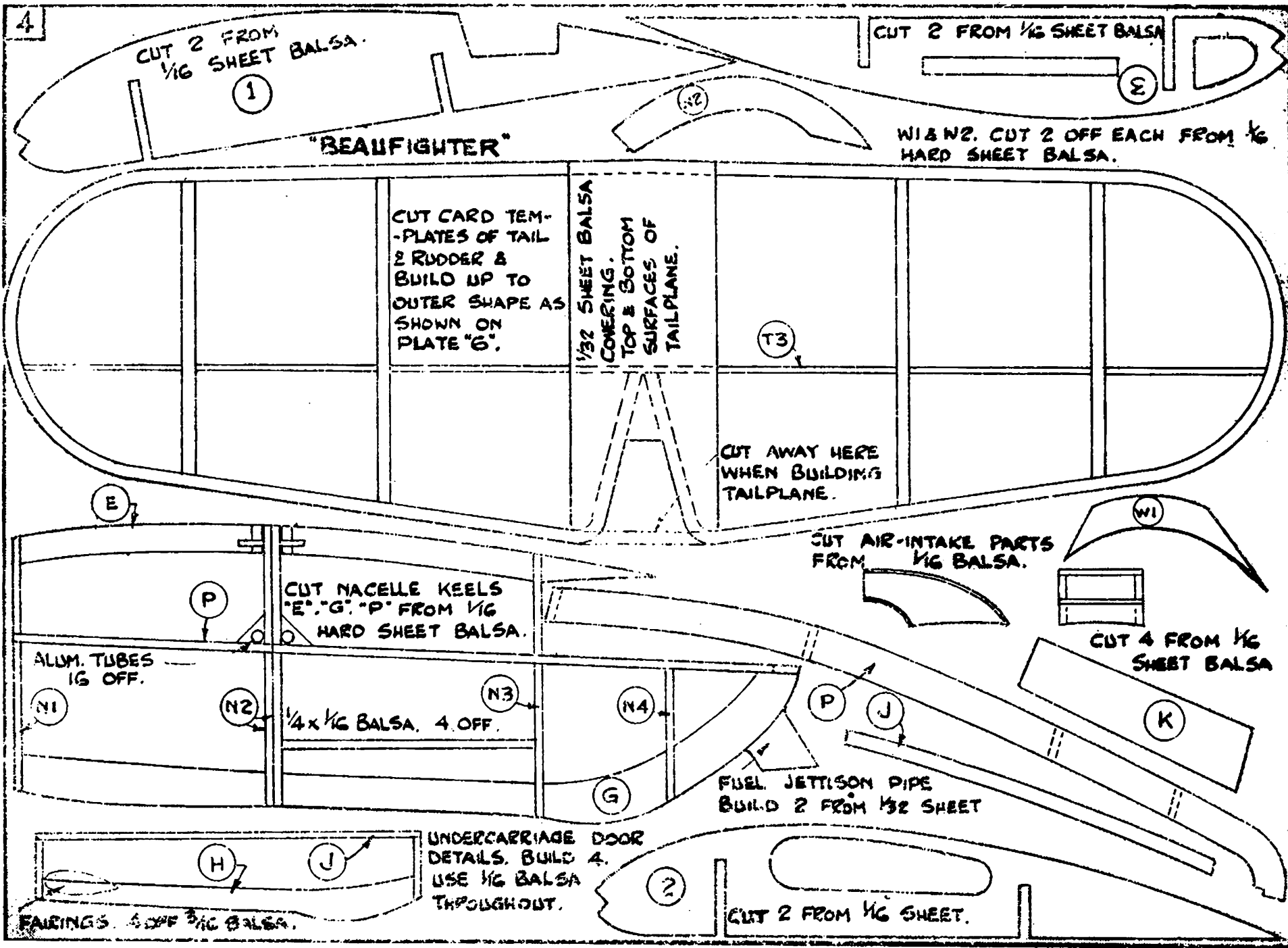


(5)
CUT 2 FROM 1/16 Balsa.



(4)
CUT 2 FROM 1/16 Balsa.

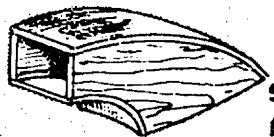
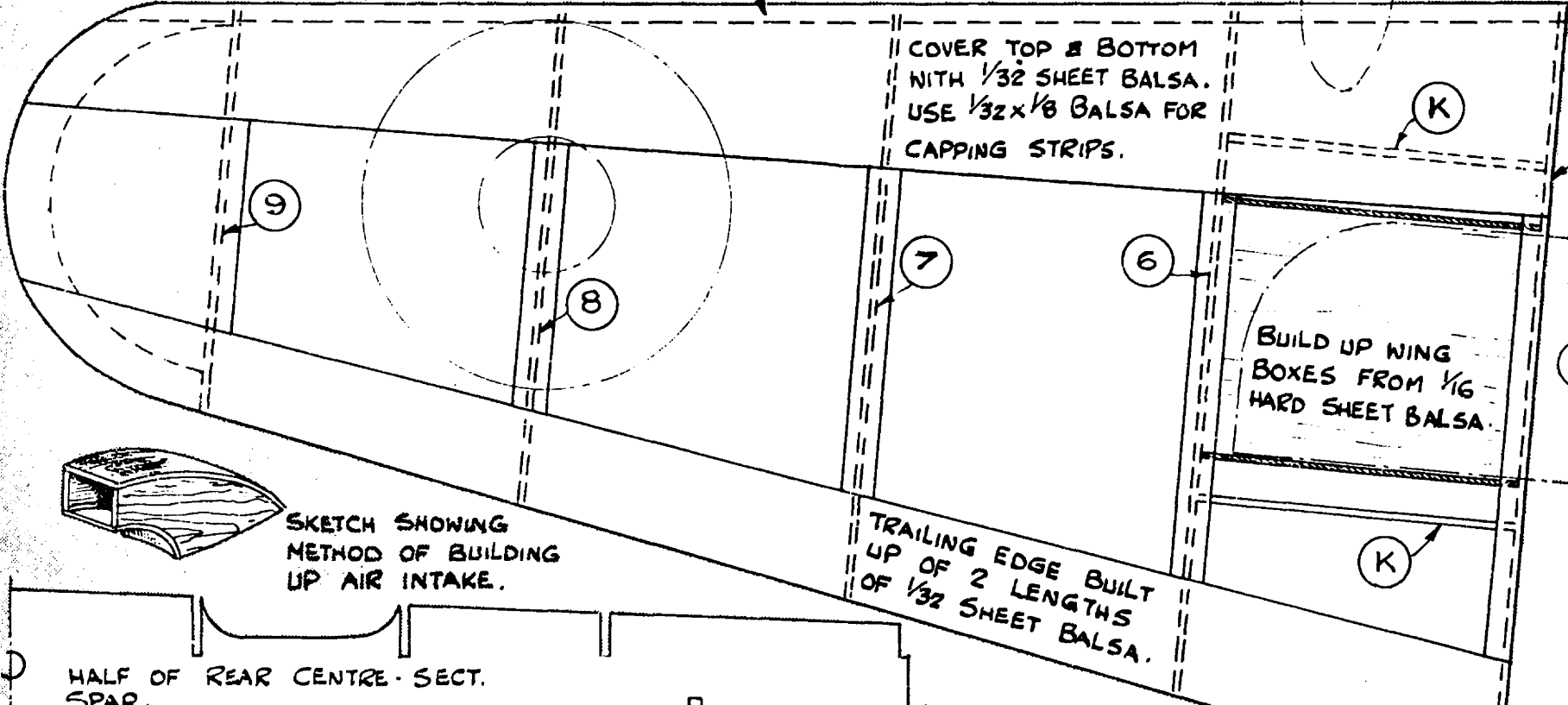
3 BEAUFIGHTER I



"BEAUFIGHTER" I $\frac{1}{8}$ " Balsa LEADING EDGE

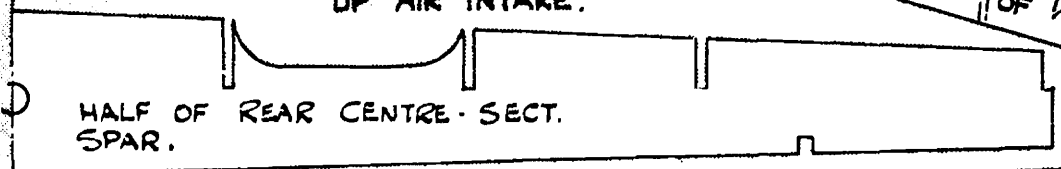
5

COVER TOP & BOTTOM WITH $\frac{1}{32}$ SHEET Balsa. USE $\frac{1}{32} \times \frac{1}{8}$ Balsa FOR CAPPING STRIPS.

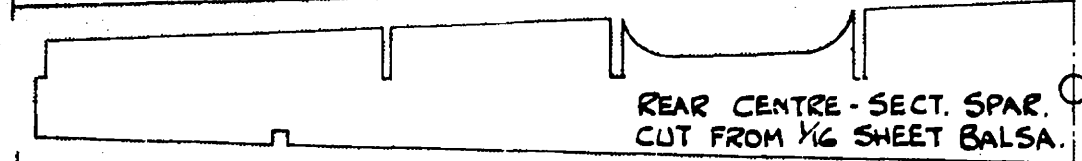


SKETCH SHOWING METHOD OF BUILDING UP AIR INTAKE.

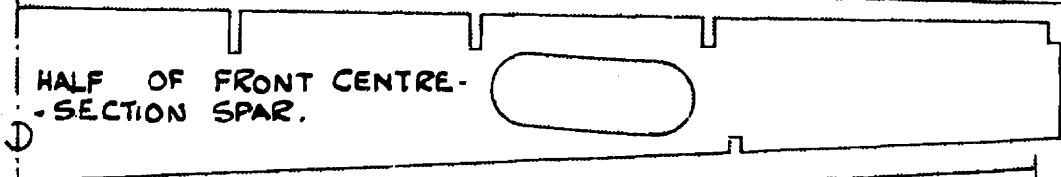
TRAILING EDGE BUILT UP OF 2 LENGTHS OF $\frac{1}{32}$ SHEET Balsa.



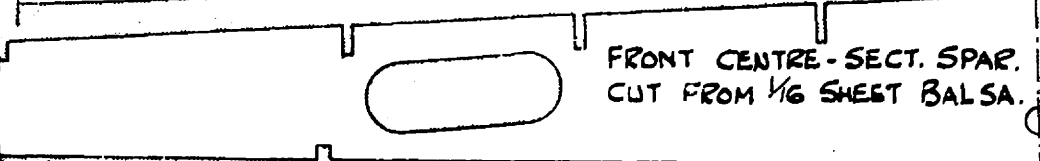
HALF OF REAR CENTRE-SECT. SPAR.



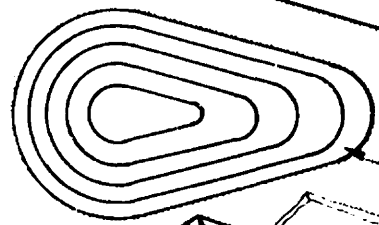
REAR CENTRE-SECT. SPAR. CUT FROM $\frac{1}{16}$ SHEET Balsa.



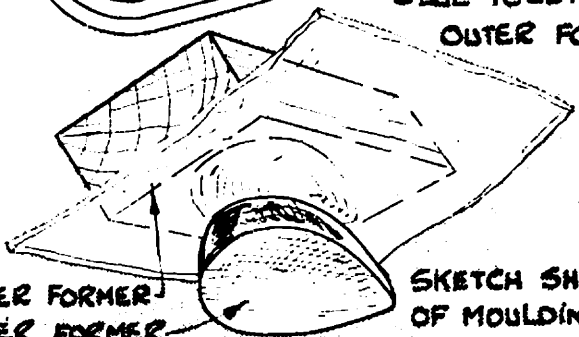
HALF OF FRONT CENTRE-SECTION SPAR.



FRONT CENTRE-SECT. SPAR. CUT FROM $\frac{1}{16}$ SHEET Balsa.



CUT ONE OF EACH FROM $\frac{3}{16}$ SHEET, & GLUE TOGETHER FOR OUTER FORMER.

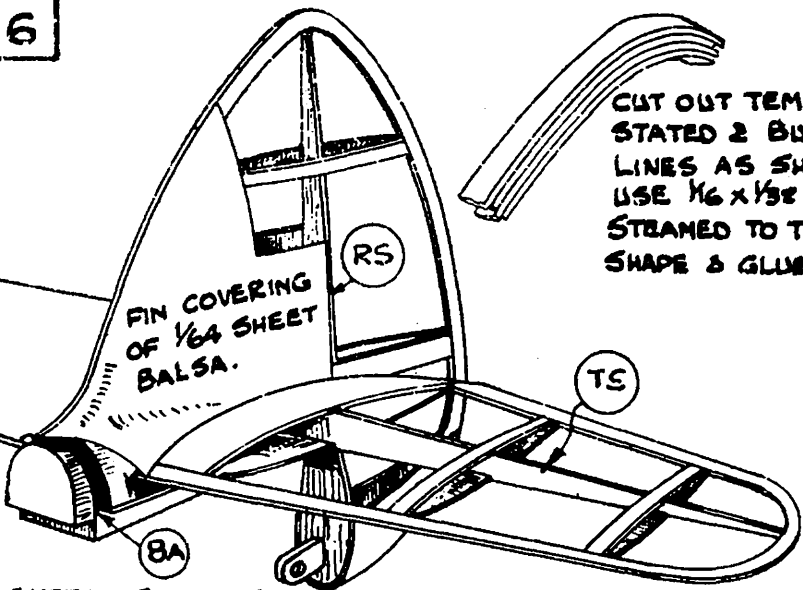


INNER FORMER
OUTER FORMER

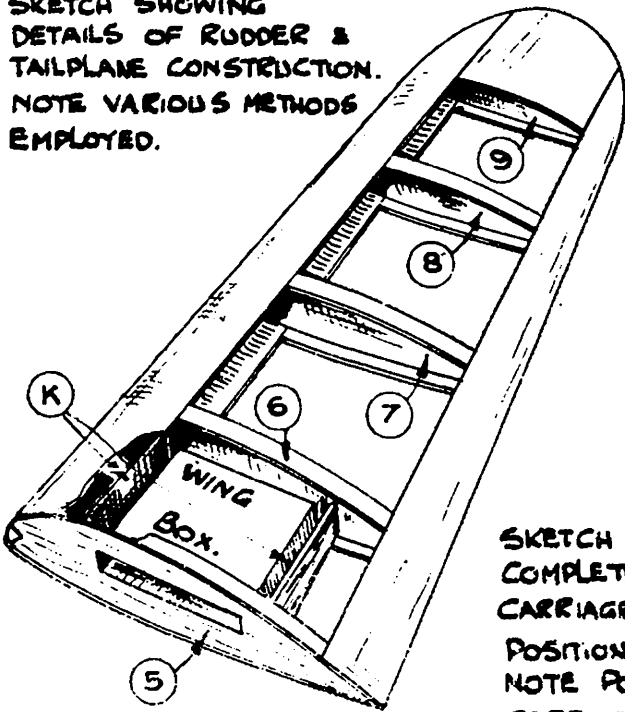
SKETCH SHOWS METHOD OF MOULDING HATCH.

L 2 OFF. $\frac{1}{32}$ SHEET.

5

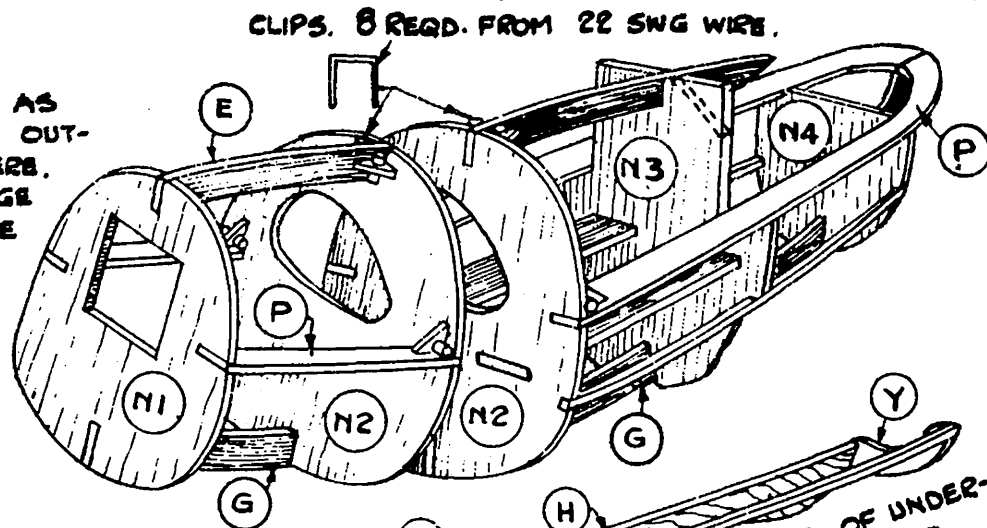


SKETCH SHOWING DETAILS OF RUDDER & TAILPLANE CONSTRUCTION. NOTE VARIOUS METHODS EMPLOYED.

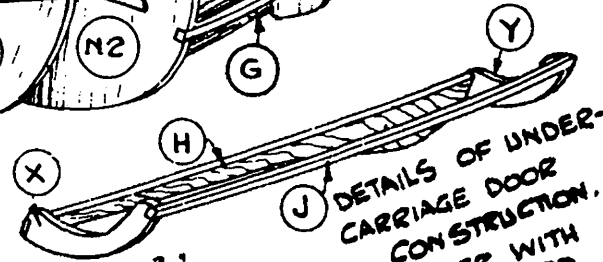


DETAILS OF WING CONSTRUCTION.

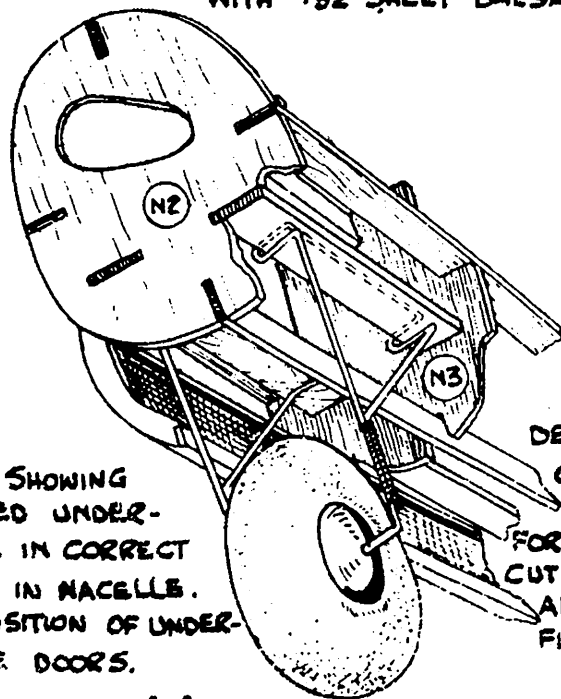
CUT OUT TEMPLATES AS STATED & BUILD UP OUT-LINES AS SHOWN HERE. USE $\frac{1}{16} \times \frac{1}{32}$ ON EDGE STEAMED TO TEMPLATE SHAPE & GLUED.



SKETCH SHOWING VARIOUS DETAILS OF NACELLE CONSTRUCTION. COVER NACELLES WITH $\frac{1}{32}$ SHEET Balsa.



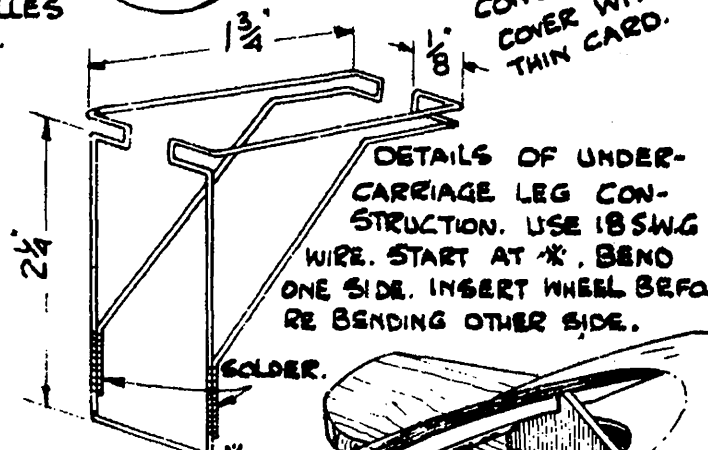
DETAILS OF UNDER-CARRIAGE DOOR CONSTRUCTION. COVER WITH THIN CARD.



SKETCH SHOWING COMPLETED UNDER-CARRIAGE IN CORRECT POSITION IN NACELLE. NOTE POSITION OF UNDER-CARRIAGE DOORS.

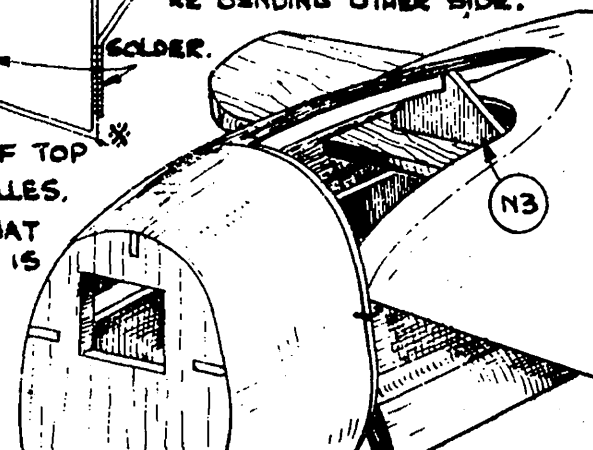
"BEAUFIGHTER" I

CLIPS, 8 REQD. FROM 22 SWG WIRE.

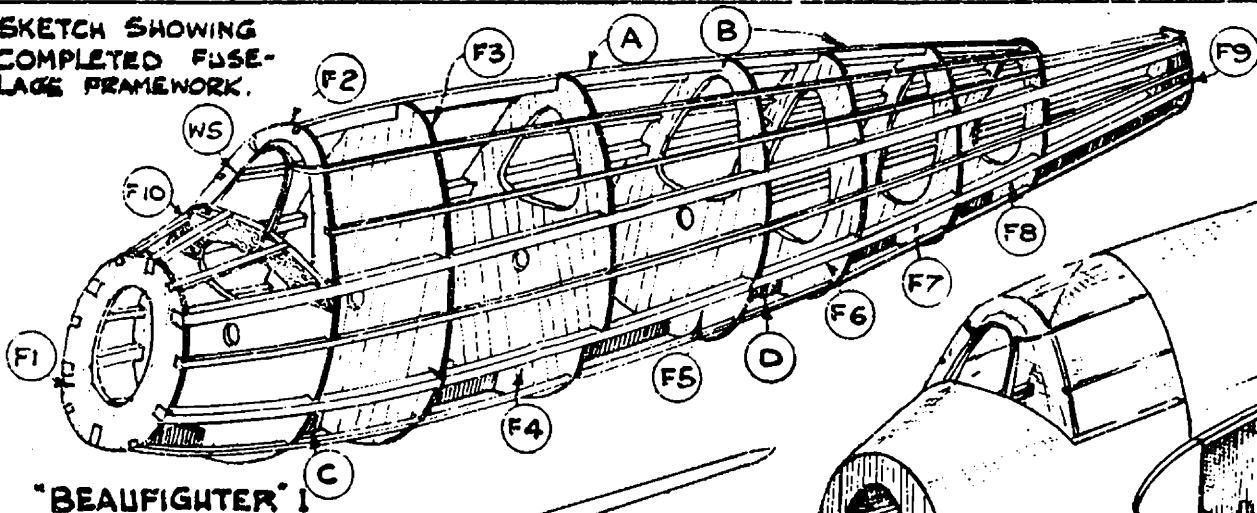


DETAILS OF UNDER-CARRIAGE LEG CONSTRUCTION. USE 18 SWG WIRE. START AT 'X', BEND ONE SIDE. INSERT WHEEL BEFORE BENDING OTHER SIDE.

DETAILS OF TOP OF NACELLES. NOTE THAT FORMER N3 IS CUT AWAY AFTER FITTING.

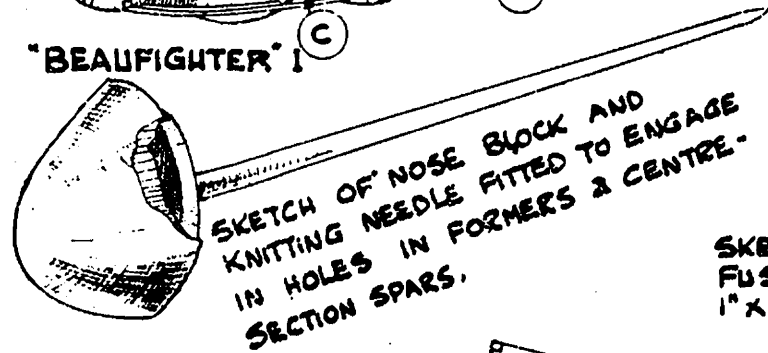


SKETCH SHOWING COMPLETED FUSE-LAGE FRAMEWORK.

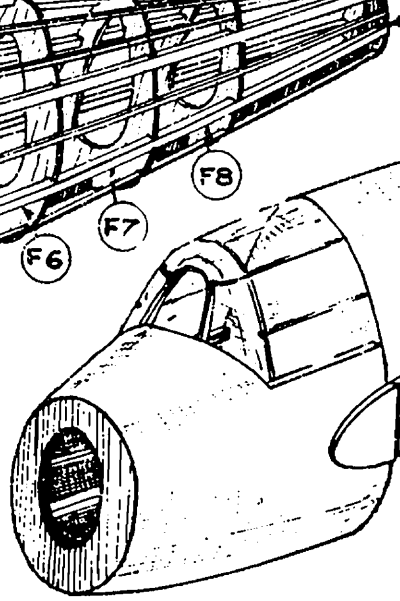


NOTE THAT FORMERS 11, 12, 13 ARE NOT SHOWN ON SKETCH. THEY MUST BE FITTED.

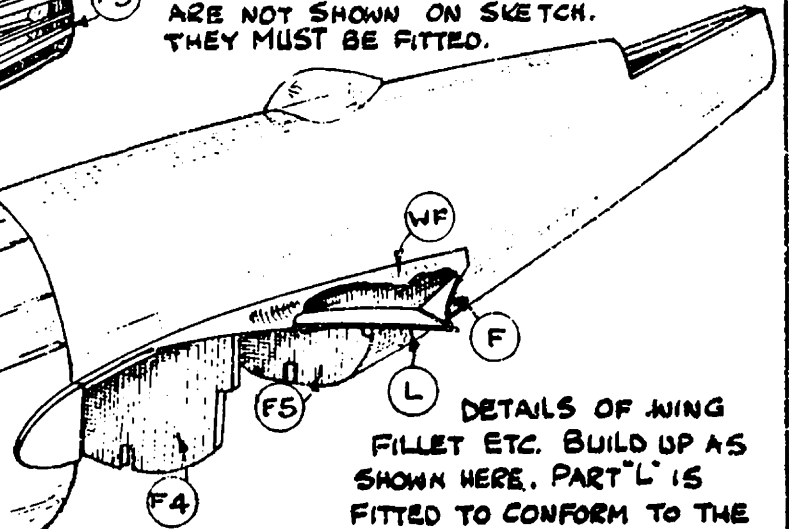
"BEAUFIGHTER"!



SKETCH OF NOSE BLOCK AND KNITTING NEEDLE FITTED TO ENGAGE IN HOLES IN FORMERS & CENTRE-SECTION SPARS.

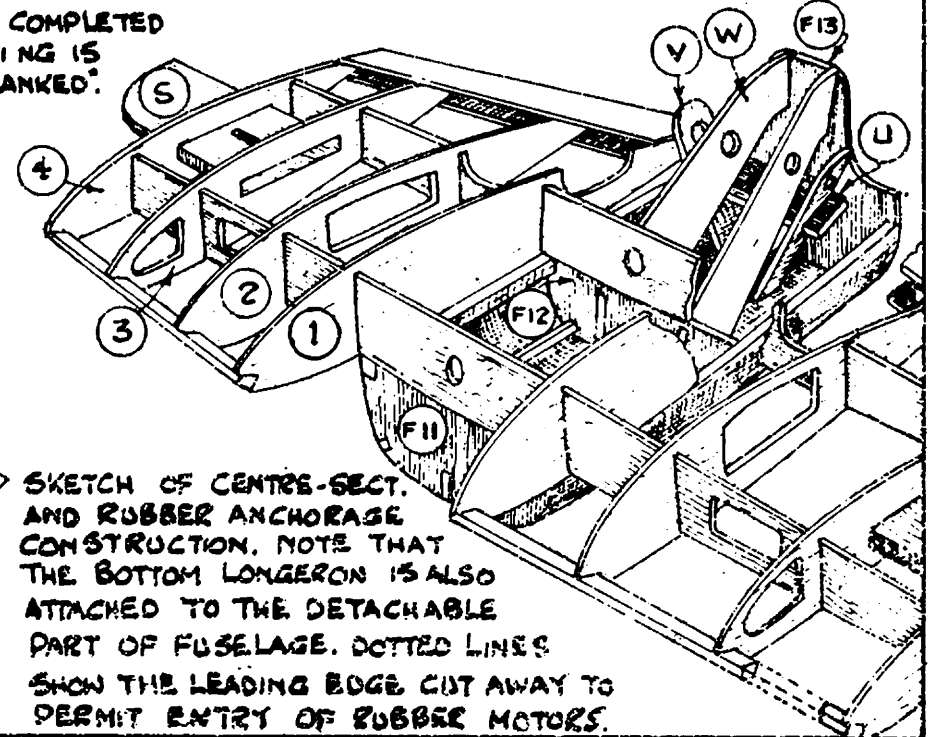
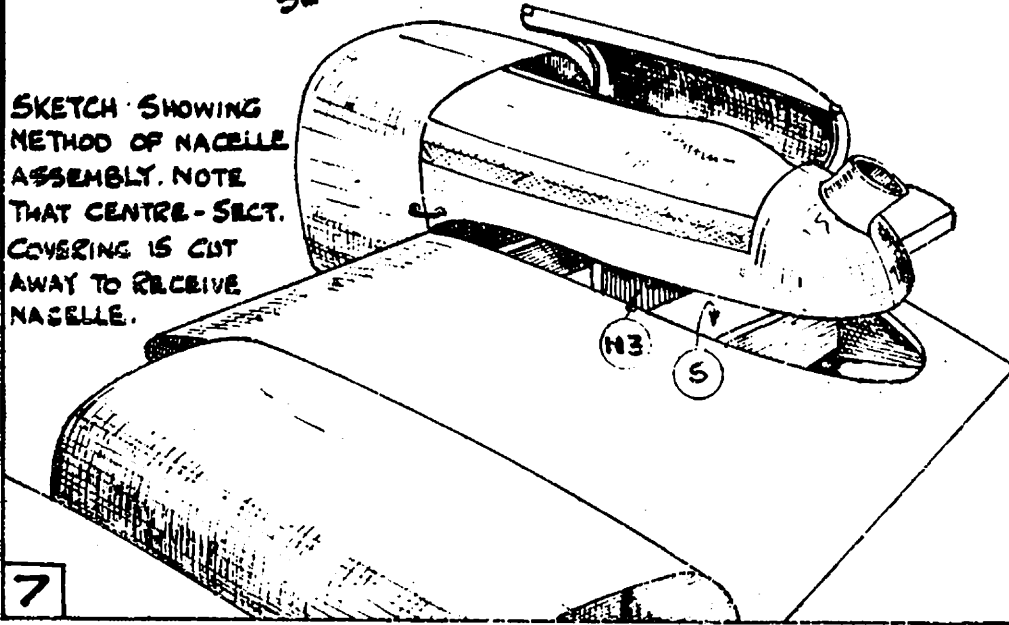


SKETCH SHOWING COMPLETED FUSELAGE. SKINNING IS 1" X 1/32 Balsa "PLANKED".



DETAILS OF WING FILLET ETC. BUILD UP AS SHOWN HERE. PART "L" IS FITTED TO CONFORM TO THE SHAPE OF CENTRE-SECTION.

SKETCH SHOWING METHOD OF NACELLE ASSEMBLY. NOTE THAT CENTRE-SECT. COVERING IS CUT AWAY TO RECEIVE NACELLE.



SKETCH OF CENTRE-SECT. AND RUBBER ANCHORAGE CONSTRUCTION. NOTE THAT THE BOTTOM LONGERON IS ALSO ATTACHED TO THE DETACHABLE PART OF FUSELAGE. DOTTED LINES SHOW THE LEADING EDGE CUT AWAY TO PERMIT ENTRY OF RUBBER MOTORS.