A 48" WINGSPAN BRITISH RECORD HOLDING SAILPLANE.

COBRA

DESIGNED BY

R. A. TWOMEY.

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THE AEROMODELLER PLANS SERVICE.

3/-

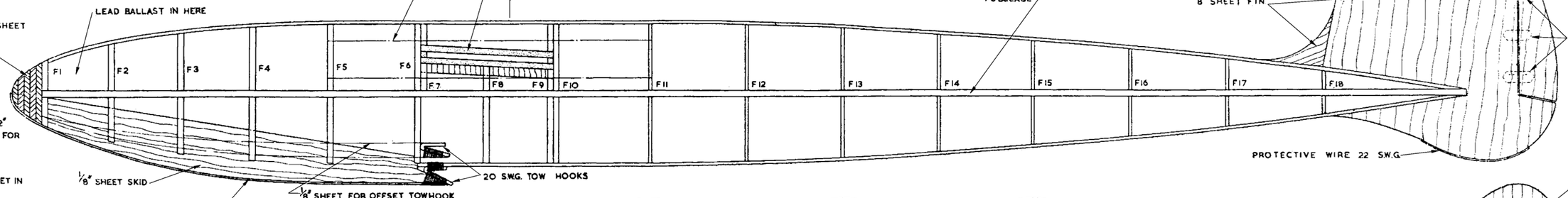
THE AERODROME STANBRIDGE NR LEIGHTON BUZZARD BEDS.

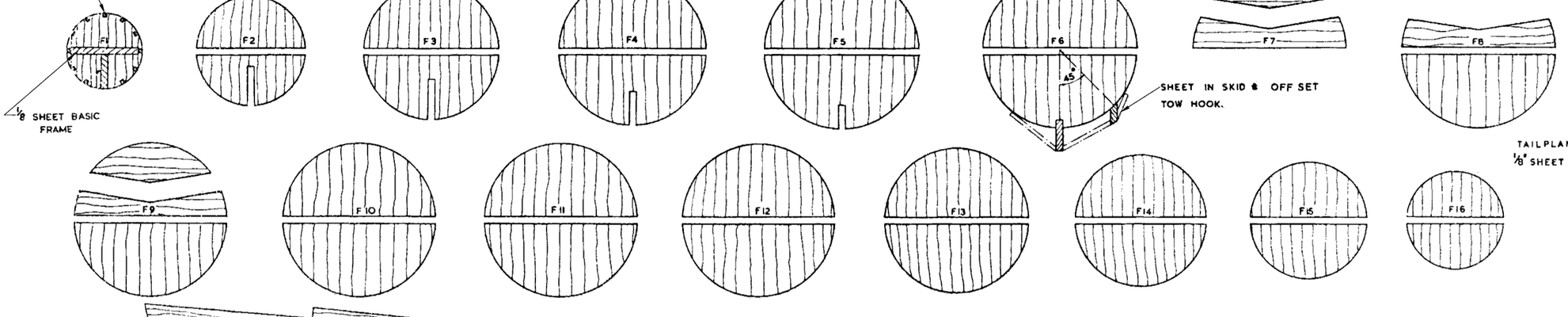
ALL WOODS UNLESS OTHERWISE STATED ARE BALSA.

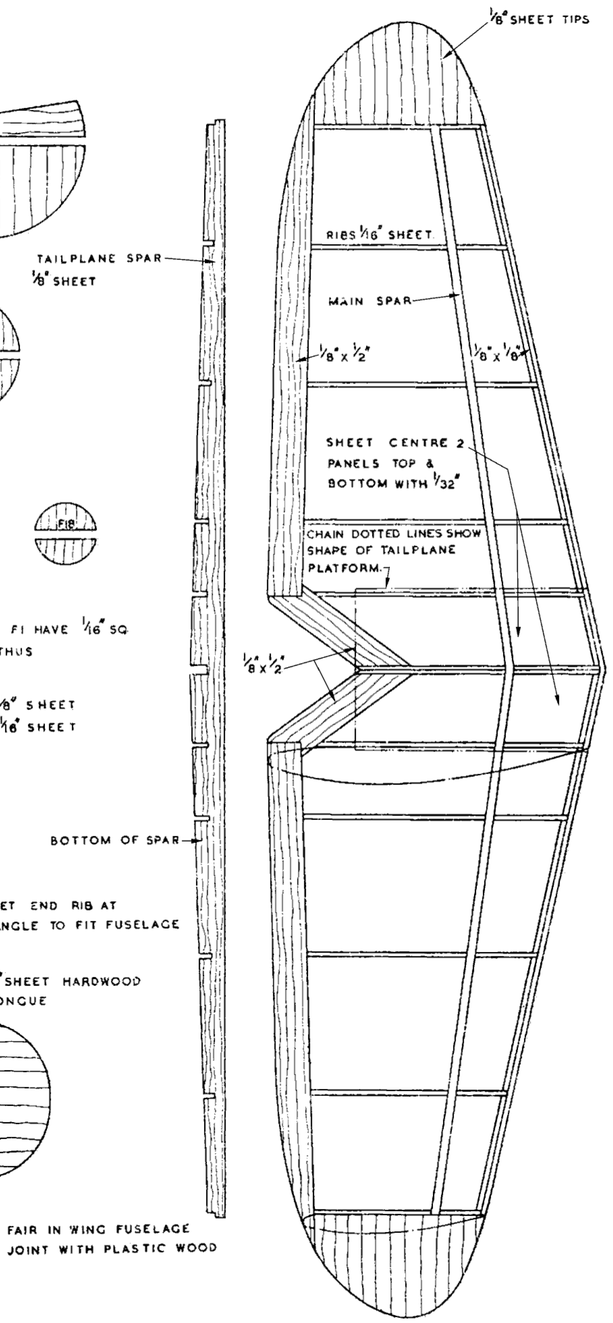
MATERIALS REQUIRED

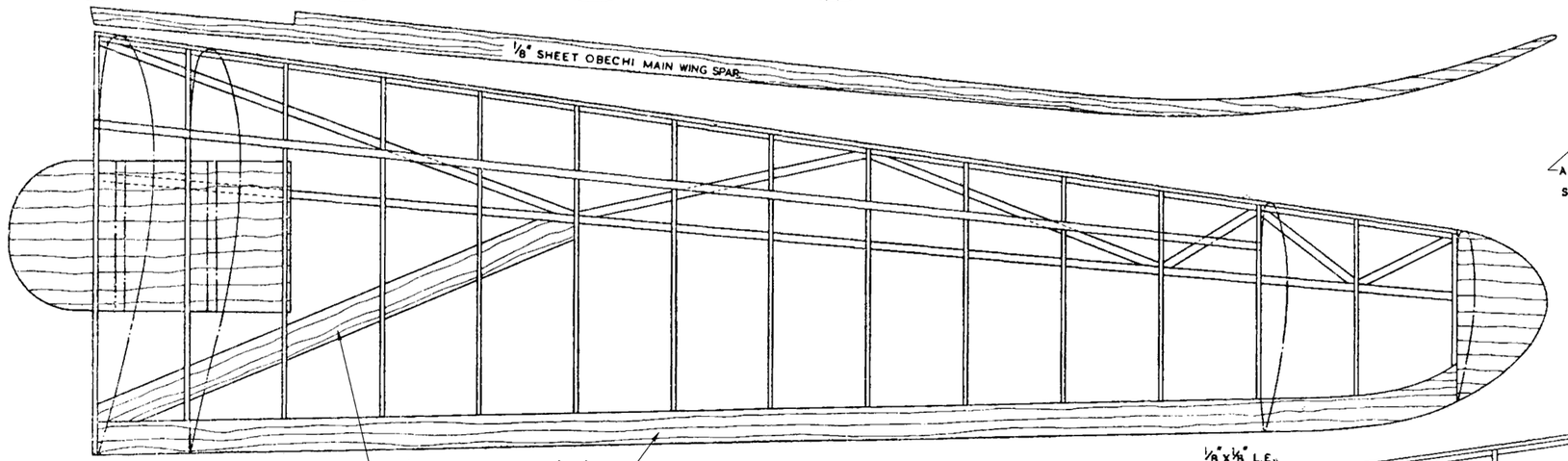
SHEET	STRIP	
1 SHEET OF 1/32" X 3" X 36" BALSA	12 STRIPS OF 1/16" X 1/16" X 36" BALSA	18" OF 22 SWG PIANO WIRE
2 " " 1/16" X 3" X 36" "	7 " " 1/8" X 1/8" X 36" "	3" " 20 " " "
3 " " 1/8" X 3" X 36" "	4 " " 1/8" X 1/2" X 36" "	1 SHEET OF 1/8" X 3" X 12" HARDWOOD
1 " " 1/8" X 3" X 24" OBECHI	MISCELLANEOUS	SMALL PIECE OF THIN ALUM SHEET
	14" X 1" OF 1 M/M PLY	TISSUE
		CLEAR & COLOURED DOPE

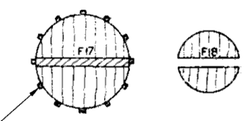
NOTE. WHEN CORRECT C.G. IS OBTAINED TRIM MODEL BY ALTERING TAILPLANE INCIDENCE. MODEL MUST WEIGH AT LEAST 7·75 OZS.





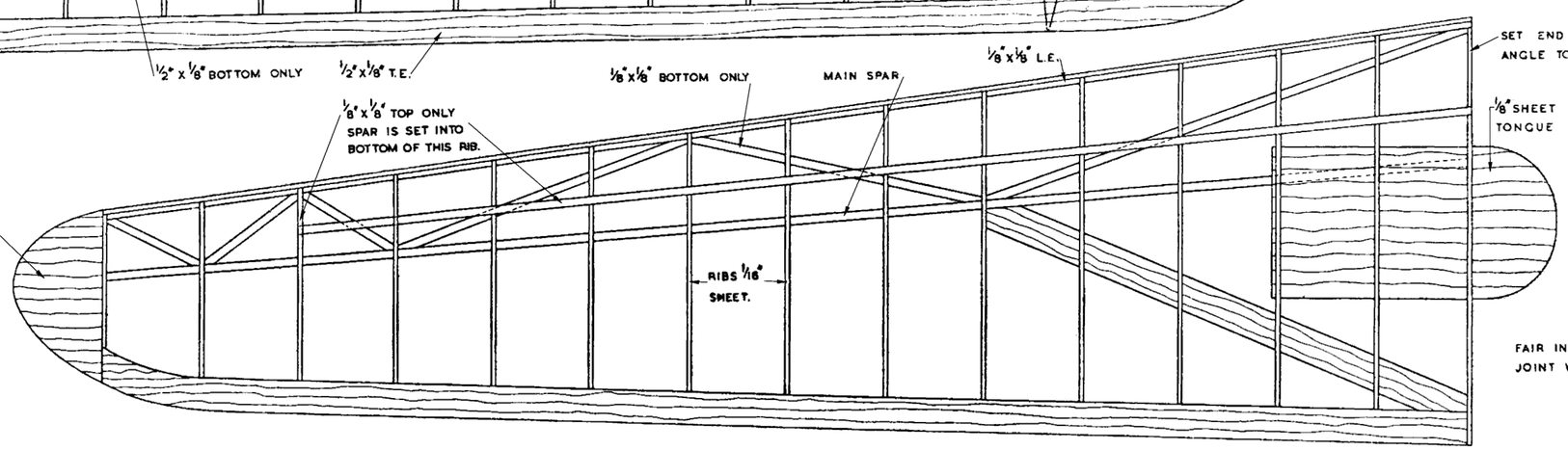






ALL FORMERS EXCEPT F1 HAVE 1/16" SQ STRINGERS LAID ON THUS

F1 - F10 FROM 1/8" SHEET
F11 - F18 FROM 1/16" SHEET



COVERING & DOPING.
COVER COMPLETE MODEL WITH ORDINARY ENGLISH TISSUE GIVE ONE COAT OF CLEAR DOPE & ONE OF COLOURED. ADD 2 COATS OF SHELLAC FOR SUPER FINISH.

USE OFFSET TOWHOOK FOR CIRCLING FLIGHT BUT STRAIGHT TOW USE 45° LEFT RUDDER

TAILPLANE NEEDS 1/16" NEGATIVE INCIDENCE FOR CIRCLING FLIGHT

1/8" SHEET TOP FIN CEMENT TO TAILPLANE

1/16" SHEET TAILPLANE PLATFORM. CEMENT TO LOWER FIN PLATFORM IS DIHEDRALLED TO FIT LOWER EDGE OF TAILPLANE SPAR

HOLE FOR TAILPLANE RETAINING BANDS

PUSH PIN INTO TAILPLANE PLATFORM & CEMENT

8 SHEET FIN

ALUM. HINGES

C. 317.