A 45" WINGSPAN WAKEFIELD MODEL

WITCH Mk.I

DESIGNED BY

G. WOOLLS.

3/-

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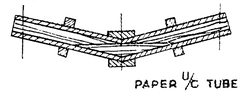
THE AEROMODELLER PLANS SERVICE

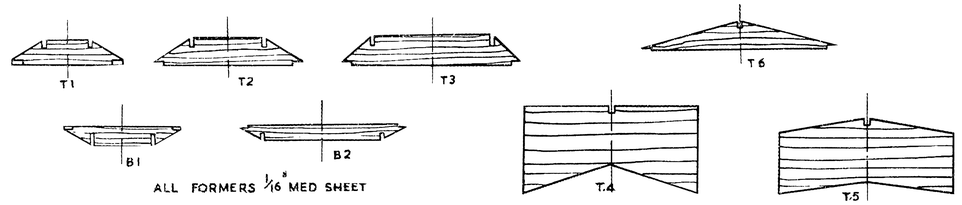
THE AERODROME, STANBRIDGE, NR LEIGHTON BUZZARD, BEDS.

1 SHEET OF	3/32" X 3 X 36"	BALSA	
1 " "	1/8" X 3" X 36"	"	
4 " "	1/16" X 3" X 36"	"	
2 " "	1/32 " 3 " 36	"	
1 " "	3/16" X 3" X 36"	"	
4 STRIPS OF	1/8" X 1/8" X 36"	"	
2 " "	1/8" X 3/32" X 36"	"	
4 " "	1/8" X 1/16" X 36"	"	
3 " "	3/16" X 1/16" X 36"	"	
1 " "	1/8" X 3/16" X 36"	"	
8 " "	1/16 " 1/8 " 36	"	
2 " "	1/8 " 1/8 " 36	"	

2 STRIPS OF 3/8" X 1/8" X 36" BALSA
2 " " 1/16" X 3/32" X 36" "
1 " " 1/4" X 3/32" X 36" "
2 LENGTHS 36 X 18 SWG 6 X 16 SWG 6" OF 20SWG PIANO WIRE
1 DURAL KNITTING NEEDLE
3" X 6" X 1/32" & 2" X 6" X 1/16" BIRCH PLY.
1 X 16 SWG & 1 X 18 SWG BRASS TUBE
1 - 16 S WG SCREWED BUSH
18" X 2" X 1 3/4" MED HARD BALSA
1 PIECE 1/4" MAHOGANY
12 X 3/16 X 1/8 BAMBOO ROD, BANANA OIL, DOPE, ETC

SECTION THRO' WING TONGUE BOX
FRONT & REAR BUILT UP ON DRAWING
AS SHOWN IN OPPOSITE CORNER



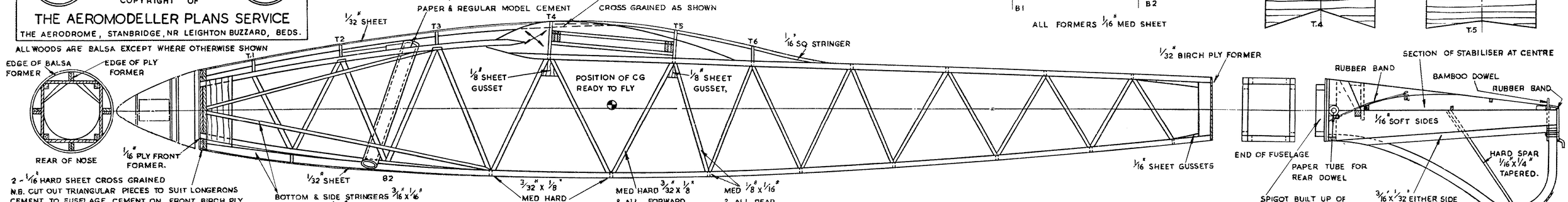


ALL FORMERS 1/16" MED SHEET

ALL WOODS ARE BALSA EXCEPT WHERE OTHERWISE SHOWN

PAPER U/C TUBE USE THIN CARTRIDGE PAPER & REGULAR MODEL CEMENT

2 LAYERS 1/16 MED BALSA CROSS GRAINED AS SHOWN

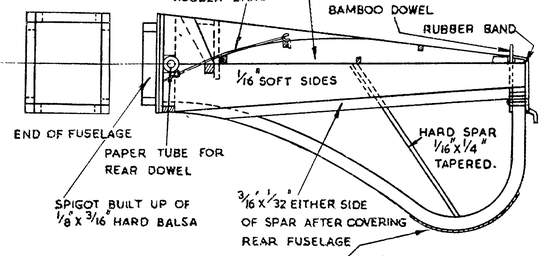


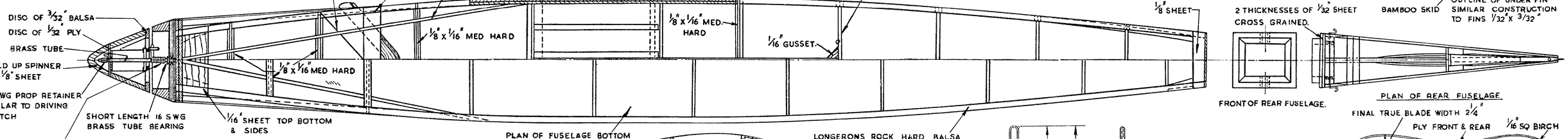
2 - 1/16" HARD SHEET CROSS GRAINED
N.B. CUT OUT TRIANGULAR PIECES TO SUIT LONGERONS CEMENT TO FUSELAGE CEMENT ON FRONT BIRCH PLY FACING, 1/32" OVERLAP, WHICH HAS CENTRE CUT OUT TO SHAPE SHOWN WHEN DRY CUT OUT CENTRE OF BALSA FORMER

BOTTOM & SIDE STRINGERS 3/16 X 1/16" TAPERED TO 1/16 SQ MED. HARD

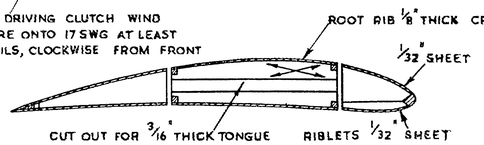
1/32" BIRCH PLY FORMER

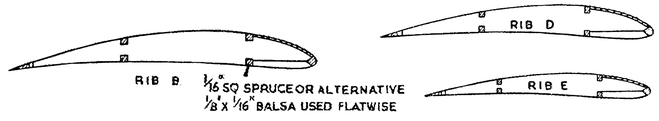
SECTION OF STABILISER AT CENTRE





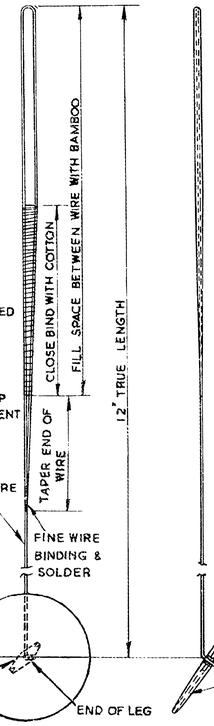
AIRSCREW DRIVING CLUTCH WIND 18 SWG WIRE ONTO 17 SWG AT LEAST 5 FULL COILS, CLOCKWISE FROM FRONT

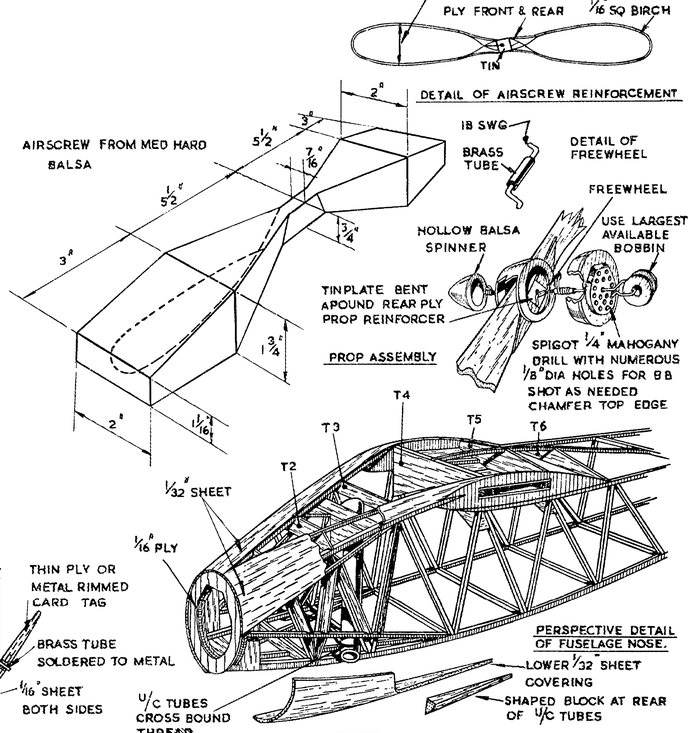


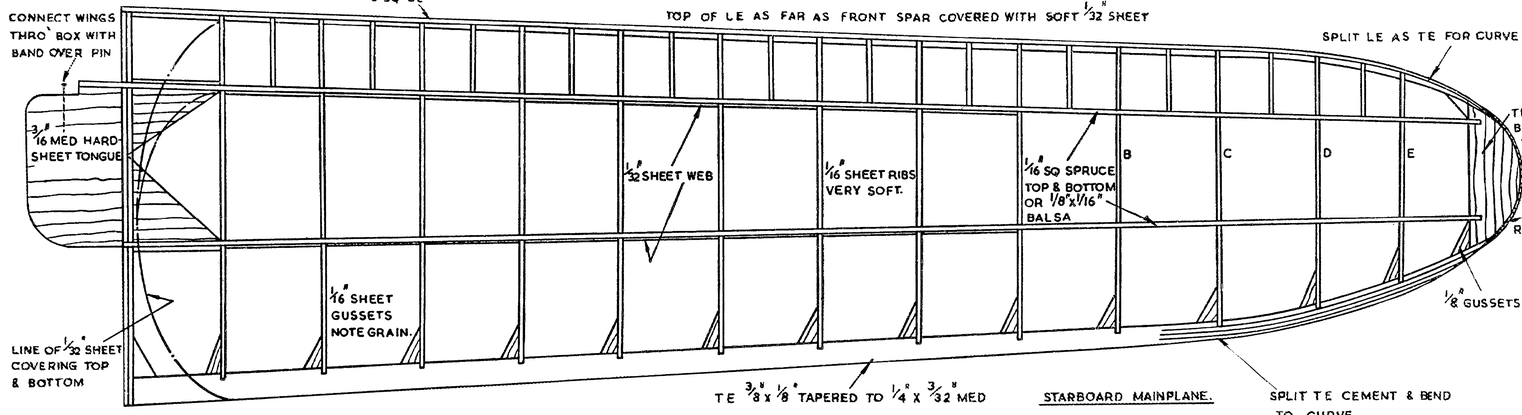


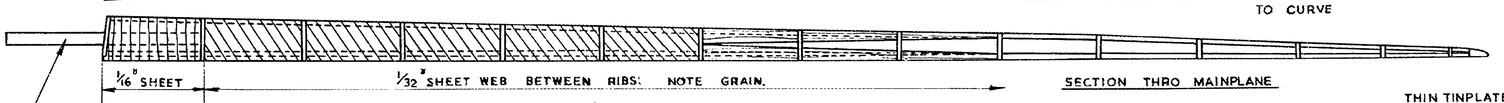
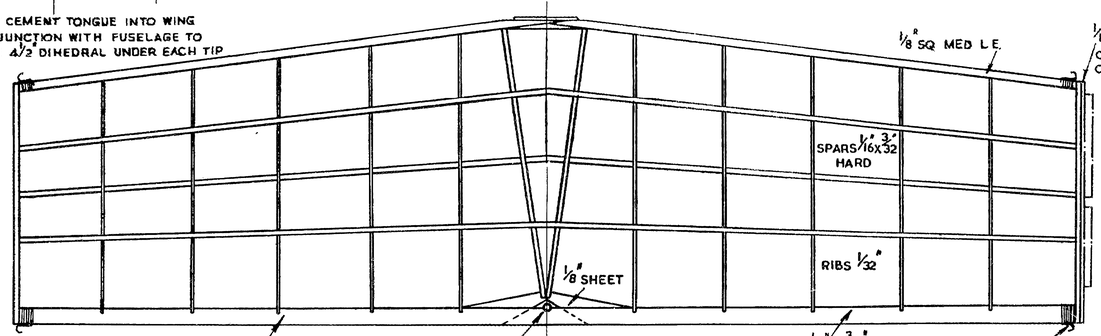
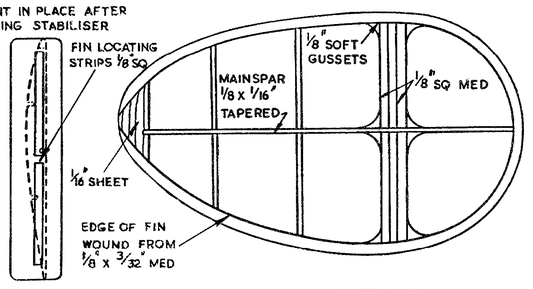
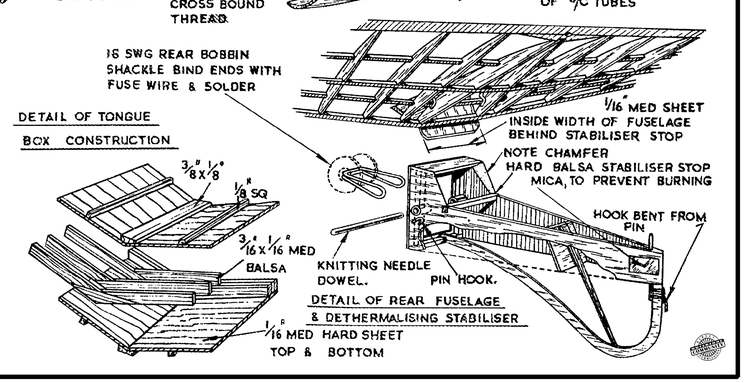
FINAL TRUE BLADE WIDTH 2 1/4"

POWER:
14 STRANDS (16 YARDS) OF 1/4 X 1/24 DUNLOP 6010 X 42" LONG.









FINALLY CEMENT TONGUE INTO WING IN CONJUNCTION WITH FUSELAGE TO ENSURE 4 1/2" DIHEDRAL UNDER EACH TIP