

LADYBIRD SPECIAL



DESIGNED BY
H. J. PRIDMORE.
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5/-

THE AEROMODELLER PLANS SERVICE.

THE AERODROME, STANBRIDGE, NR LEIGHTON BUZZARD BEDS

ALL WOODS ARE Balsa UNLESS OTHERWISE STATED.

2 PIECES OF 1/8 SHEET

POWER.
ORIGINAL POWERED WITH AN E.D. BEE. ICC DIESEL ANY ALTERNATIVE ENGINE OF SIMILAR CAPACITY NOT EXCEEDING APPROX 3 OZS IN WEIGHT WOULD BE SUITABLE. USE A STANDARD 8x4 PROP TOTAL WEIGHT 13 1/2 OZS

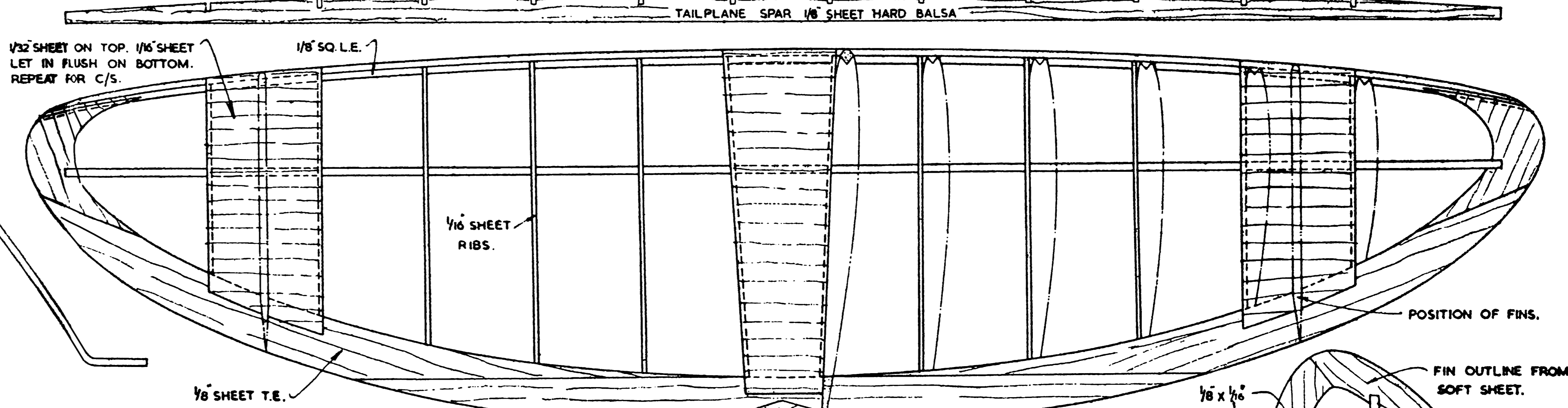
COVERING & DOPING.
COVER ENTIRE MODEL WITH TISSUE. WATER SHRINK & APPLY 2 OR 3 COATS OF CLEAR DOPE TO FUSELAGE & 1 COAT TO WINGS & TAIL UNIT.

U/C ASSEMBLY

BORE 4 HOLES IN FUSELAGE PLANKING TO TAKE U/C STRUTS. INSERT STRUTS INTO POSITION & SLIP ON THE PIECES OF 1/16 PLY CEMENT PLY TO FUSELAGE & SOLDER ON TIN WASHERS. BIND & SOLDER JOINT BETWEEN FRONT & REAR STRUTS.

1/32 SHEET ON TOP. 1/16 SHEET LET IN FLUSH ON BOTTOM. REPEAT FOR C/S.

TAILPLANE SPAR 1/8 SHEET HARD Balsa



POSITION OF FIN.

1/16 DIA. PEGS TO ENGAGE IN FIREWALL.

DETACHABLE COWL.

1/8 SHEET.

Balsa BLOCK COWLING HOLLOW OUT & CEMENT INTO POSITION.

1/16 PLY CEMENTED EACH SIDE OF FUSELAGE.

2 1/4 DIA STREAMLINE SECTION SPONGE RUBBER WHEELS.

BIND & SOLDER.

5/16 SQ HARDWOOD ENGINE BEARERS

NOTE! ENGINE BEARERS ARE OFFSET TO GIVE 1/2" SIDE THRUST.

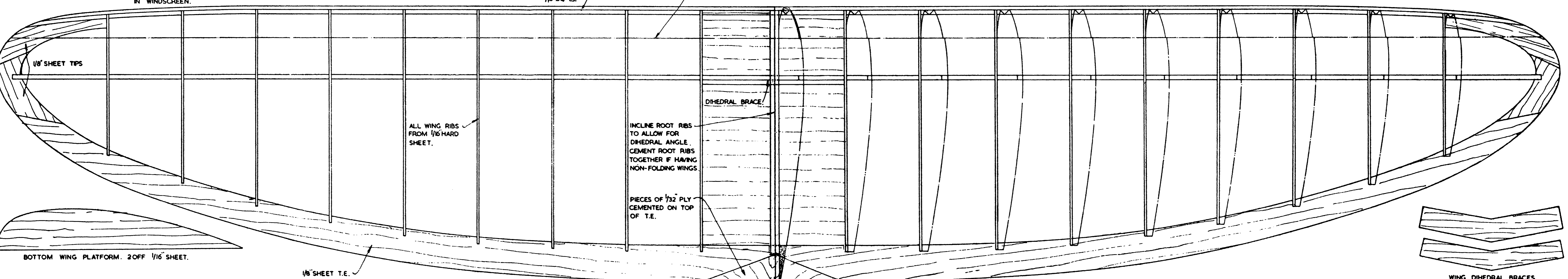
PIECES OF 1/4 SHEET GLUED UNDER PLATFORM TO FAIR IN WINDSCREEN.

1/16 SHEET TOP WING PLATFORM.

TOP OF L.E. SHEETED WITH 1/32 Balsa TO THIS LINE

WING MAIN SPARS. 2 OFF EACH FROM 1/8 HARD SHEET.

BOTTOM WING SPAR TO DOTTED LINE.



4" DIHEDRAL UNDER EACH TIP OF TOP WING. 3 1/2" DIHEDRAL UNDER EACH TIP OF BOTTOM WING.

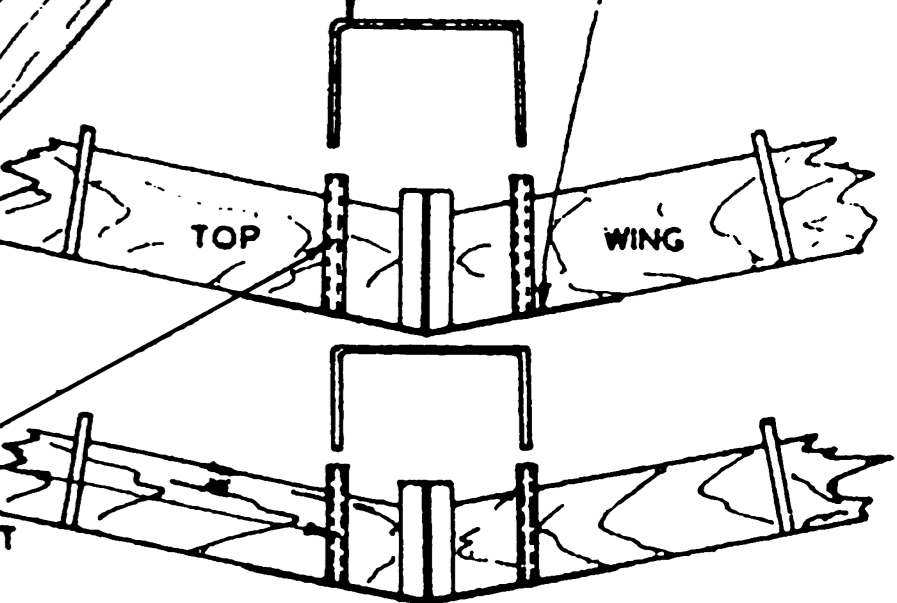
1/8 SHEET TIPS

1/16 SOFT SHEET LET IN FLUSH WITH RIBS TOP & BOTTOM

WING DIHEDRAL BRACES. 1 OFF EACH FROM 1/8 HARD SHEET. OMIT BRACES IF USING FOLDING WINGS.

PIECES OF 2" WIDE LINEN FULL WIDTH OF CHORD CEMENTED UNDER WING ROOTS

18 SWG RETAINING CLIP.



18 SWG BRASS TUBES BIND WITH COPPER WIRE TO PIECES OF 1/32 PLY & CEMENT PLY TO WING MAIN SPARS.

ALTERNATIVE WING FOLDING ARRANGEMENT

TEMPLATE FOR CELLULOSE WINDSCREEN.

1/8 SHEET T.E.