

A 48" WINGSPAN TAILLESS SAILPLANE.

# BUZZARD II.



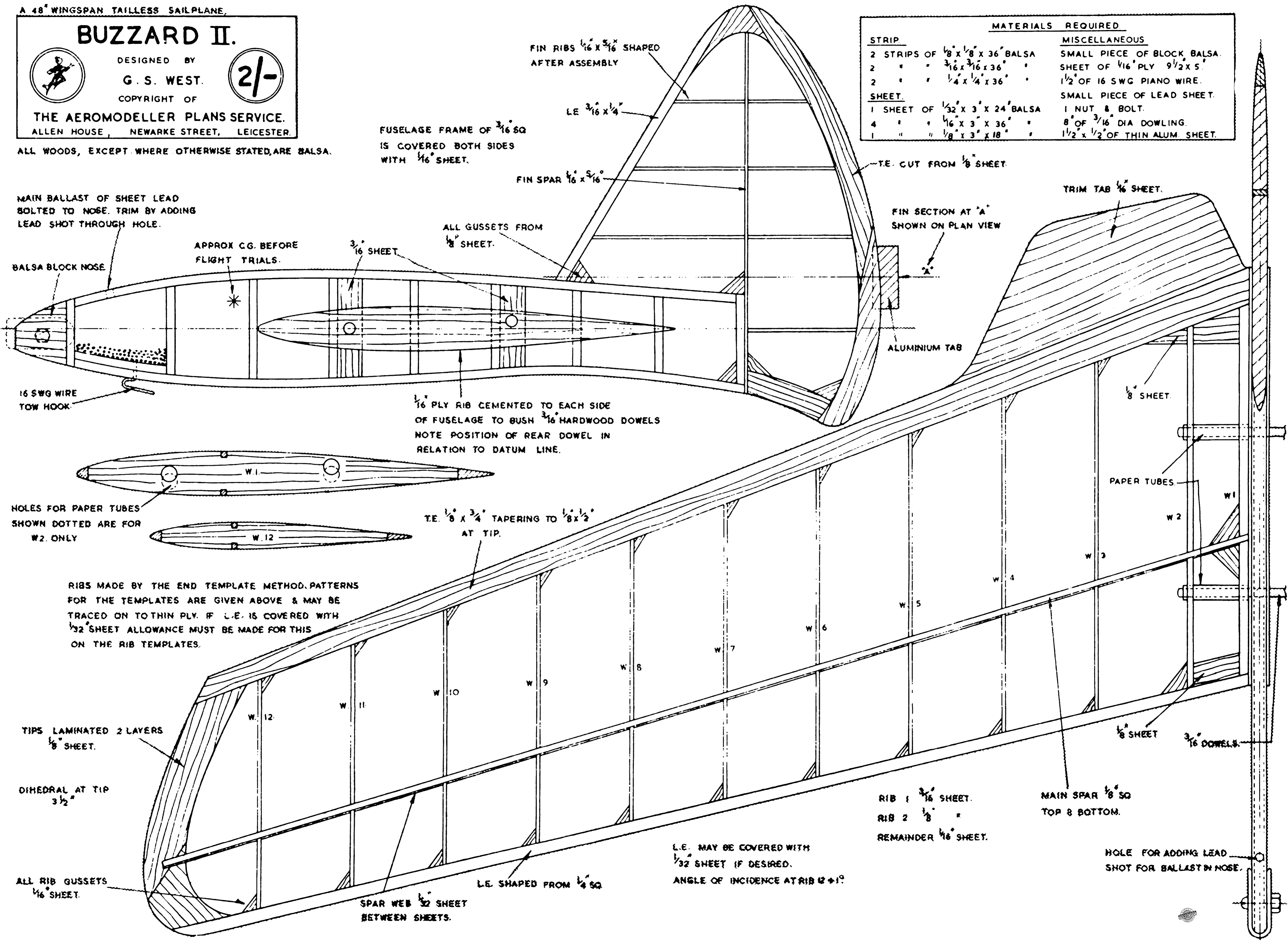
DESIGNED BY  
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THE AEROMODELLER PLANS SERVICE.  
ALLEN HOUSE, NEWARKE STREET, LEICESTER.

ALL WOODS, EXCEPT WHERE OTHERWISE STATED, ARE BALSAL.

MATERIALS REQUIRED	
<b>STRIP</b>	<b>MISCELLANEOUS</b>
2 STRIPS OF $\frac{1}{8} \times \frac{1}{8} \times 36$ BALSAL	SMALL PIECE OF BLOCK BALSAL
2 " " $\frac{3}{16} \times \frac{3}{16} \times 36$ "	SHEET OF $\frac{1}{16}$ PLY $9\frac{1}{2} \times 5$ "
2 " " $\frac{1}{4} \times \frac{1}{4} \times 36$ "	$1\frac{1}{2}$ OF 16 SWG PIANO WIRE.
<b>SHEET</b>	SMALL PIECE OF LEAD SHEET.
1 SHEET OF $\frac{1}{32} \times 3 \times 24$ BALSAL	1 NUT & BOLT.
4 " " $\frac{1}{16} \times 3 \times 36$ "	8" OF $\frac{3}{16}$ DIA DOWLING.
1 " " $\frac{1}{8} \times 3 \times 18$ "	$1\frac{1}{2} \times 1\frac{1}{2}$ OF THIN ALUM. SHEET.



RIBS MADE BY THE END TEMPLATE METHOD. PATTERNS FOR THE TEMPLATES ARE GIVEN ABOVE & MAY BE TRACED ON TO THIN PLY. IF L.E. IS COVERED WITH  $\frac{1}{32}$  SHEET ALLOWANCE MUST BE MADE FOR THIS ON THE RIB TEMPLATES.

RIB 1  $\frac{3}{16}$  SHEET.  
RIB 2  $\frac{1}{8}$  " "  
REMAINDER  $\frac{1}{16}$  SHEET.

MAIN SPAR  $\frac{1}{8}$  SQ  
TOP & BOTTOM.

L.E. MAY BE COVERED WITH  $\frac{1}{32}$  SHEET IF DESIRED.  
ANGLE OF INCIDENCE AT RIB 12  $11^\circ$

HOLE FOR ADDING LEAD  
SHOT FOR BALLAST IN NOSE.