A 55¼" SPAN OPEN POWER MODEL FOR 2·5–3·5 C.C. (A.P.S. CODE G-H)

HEATWAVE

DESIGNED BY

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6'-

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THE AEROMODELLER PLANS SERVICE
38 CLARENDON RD WATFORD HERTS

MATERIALS REQUIRED

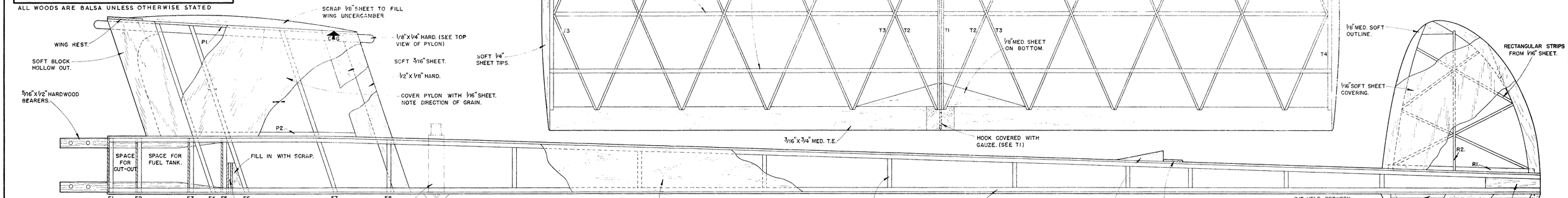
2 STRIPS OF	1/16" x 1/8" x 36" HARD BALSA.	1 SHEET OF	1/8" x 3" x 36" MED. BALSA.
6 "	" 1/8 x 1/8" x 36" MED. "	4" x 2½"	" SCRAP 3/16" SOFT "
8 "	" 1/8" x 1/4" x 36" M/HARD "	7" x 1"	" " 1/4" " "
1 "	" 3/16" x 3/4" x 36" MED. T.E "	8" x 2"	" " 1/2" " "
2 "	" 3/16" x 1" x 36" " " "	4½" x 1½" x 1¼"	SOFT BLOCK "
2 "	" 3/8" x 1/2" x 36" SOFT "	12" OF 16 S.W.G. PIONO WIRE.	
1 SHEET	" 1/32" x 3" x 36" " "	4" x 4" OF 1/32" PLY.	
2 "	" 1/16" x 3" x 36" " "	7" x 3"	" 1/16" "
3 "	" 1/16" x 3" x 36" MED. "	10½"	" 5/16" x 1/2" HARDWOOD
3 "	" 1/16" x 3" x 36" M/HARD "		

ALL WOODS ARE BALSA UNLESS OTHERWISE STATED

NOTE: TILT TAILPLANE UP APPROX 1"–1½" ON STARB SIDE FOR RIGHT TURN.

FIN CONSTRUCTION

1. MAKE UP OUTLINE FLAT ON BOARD.
2. LIFT OUTLINE & INSERT R1 & R2.
3. GLUE IN RECTANGULAR RIB STRIPS.
4. SAND OUTLINE & RIBS TO SYMMETRICAL SECTION
5. COVER WITH SOFT 1/16" SHEET.
6. SAND DOWN & GLUE SQUARELY TO FUSELAGE.



THRUST LINE 0°DOWN. 0°SIDE.

FROG 2·49 C.C. SHOWN. PROP ON PROTOTYPE IS 9"x6" NYLON CUT DOWN TO 8½"x6"

NOTE: PLAN SHOWN WITHOUT PI. & PYLON NOSE BLOCK.

NOTE THAT LONGERONS ON BEARER SIDE END AT F5.

PROP SAVER BOX.

SUGGESTED TIMER POSITION. REINFORCE AT BOTTOM.

1/16" MED. HARD SHEET SIDES, TOP & BOTTOM.

1/8" SQ. MED. SPACERS AFT OF F8.

1/8" SQ. MED. LONGERONS.

SCRAP SOFT BLOCK.

TAILPLANE REST. 1/16" PLY.

D/T HELD BETWEEN RUBBER LOOPS.

2 SHORT LENGTHS OF 1/8" SQ.

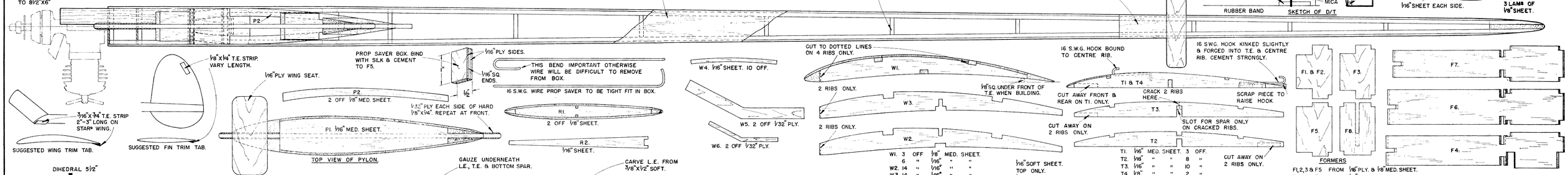
FUSE.

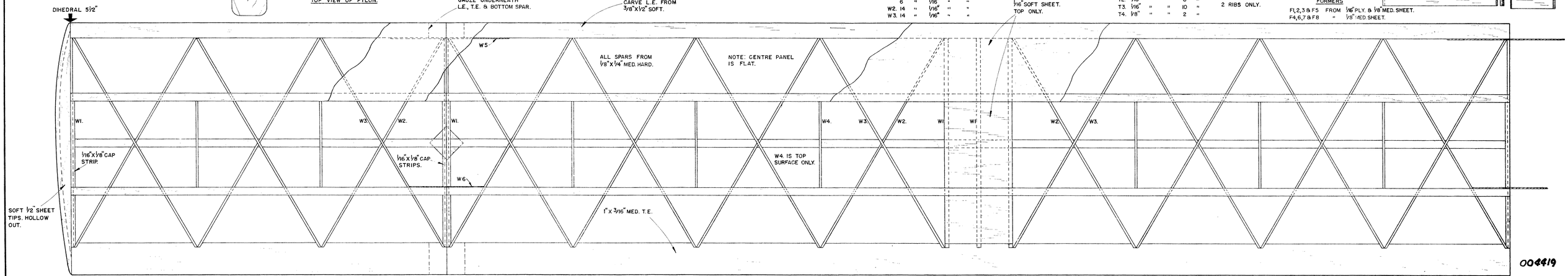
MICA

1/8" SQ. ON SIDE.

RUBBER BAND

SKETCH OF D/T





DOUBLE COVER TOP & BOTTOM.

PUBLISHED AEROMODELLER JANUARY. 1958.

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