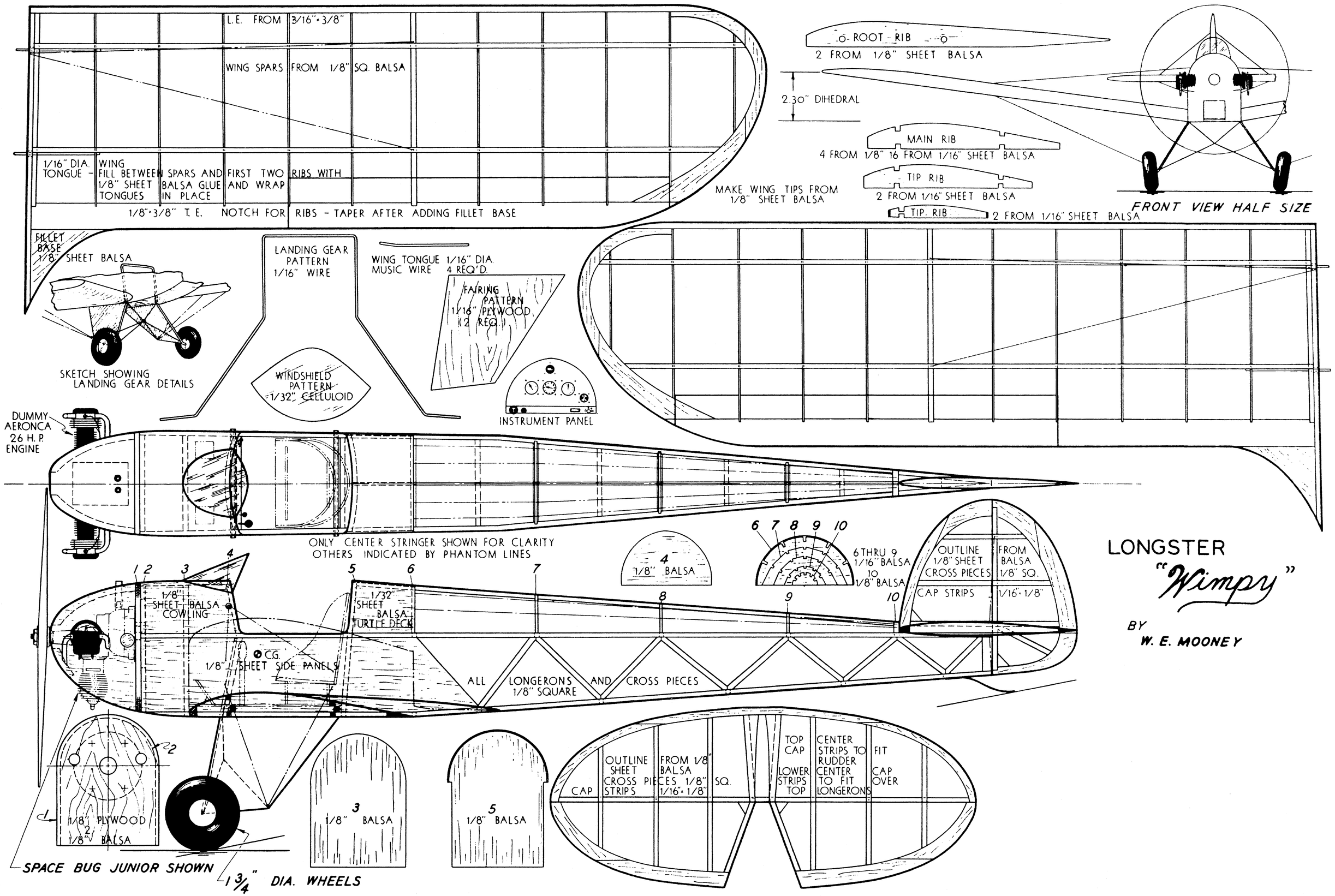
L.E. FROM 3/16"·3/8"
WING SPARS FROM 1/8" SQ. BALSA
1/16" DIA. TONGUE - WING FILL BETWEEN SPARS AND 1/8" SHEET BALSA GLUE TONGUES IN PLACE
FIRST TWO RIBS WITH AND WRAP
1/8"·3/8" T.E. NOTCH FOR RIBS - TAPER AFTER ADDING FILLET BASE
ROOT RIB
2 FROM 1/8" SHEET BALSA
2.30" DIHEDRAL
MAIN RIB
4 FROM 1/8" 16 FROM 1/16" SHEET BALSA
TIP RIB
2 FROM 1/16" SHEET BALSA
TIP RIB
2 FROM 1/16" SHEET BALSA
MAKE WING TIPS FROM 1/8" SHEET BALSA
FRONT VIEW HALF SIZE
FILLET BASE 1/8" SHEET BALSA
LANDING GEAR PATTERN 1/16" WIRE
WING TONGUE 1/16" DIA. MUSIC WIRE 4 REQ'D.
FAIRING PATTERN 1/16" PLYWOOD (2 REQ.)
WINDSHIELD PATTERN 1/32" CELLULOID
SKETCH SHOWING LANDING GEAR DETAILS
INSTRUMENT PANEL
DUMMY AERONCA 26 H.P. ENGINE
ONLY CENTER STRINGER SHOWN FOR CLARITY
OTHERS INDICATED BY PHANTOM LINES
1/8" SHEET BALSA COWLING
1/32" SHEET BALSA TURTLE DECK
CG.
1/8" SHEET SIDE PANELS
ALL LONGERONS 1/8" SQUARE AND CROSS PIECES
4 1/8" BALSA
6 7 8 9 10
6 THRU 9 1/16" BALSA
10 1/8" BALSA
OUTLINE 1/8" SHEET CROSS PIECES
FROM BALSA 1/8" SQ.
CAP STRIPS
1/16"·1/8"
LONGSTER "Wimpy"
BY W. E. MOONEY
1/8" PLYWOOD
1/8" BALSA
3 1/8" BALSA
5 1/8" BALSA
CAP
OUTLINE SHEET CROSS PIECES
FROM 1/8" BALSA CROSS PIECES 1/16"·1/8" SQ.
TOP CAP
LOWER STRIPS TOP
CENTER STRIPS TO RUDDER CENTER TO FIT LONGERONS
FIT CAP OVER
SPACE BUG JUNIOR SHOWN
1 3/4" DIA. WHEELS