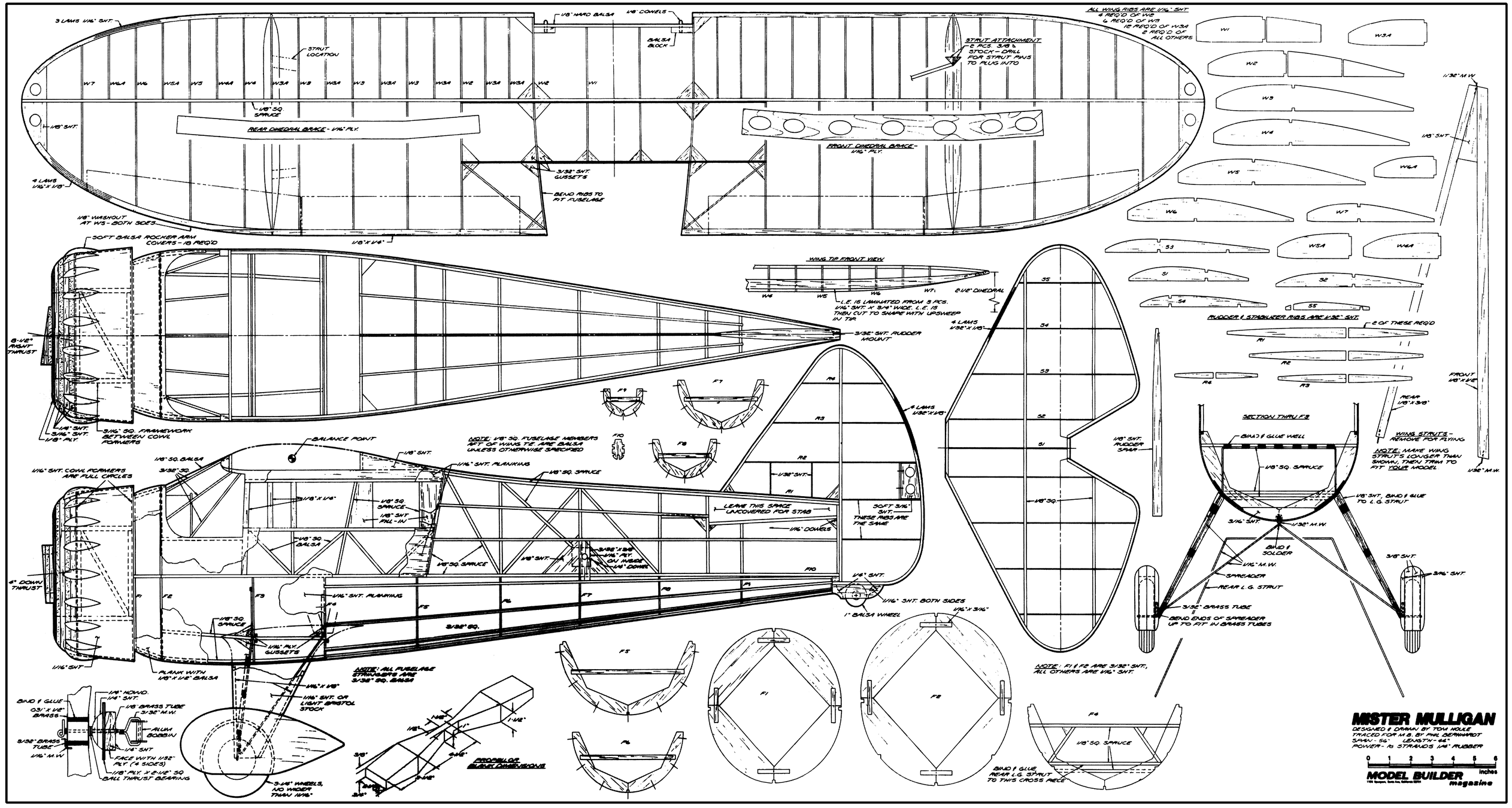
3 LAMS 1/16" SHT.
1/8" HARD BALSA
1/8" DOWELS
BALSA BLOCK
STRUT LOCATION
W7 W6A W6 W5A W5 W4A W4 W3A W3 W3A W3 W3A W3 W3A W2 W3A W3A W2 W1
1/8" SQ SPRUCE
1/8" SHT.
REAR DIHEDRAL BRACE - 1/16" PLY.
FRONT DIHEDRAL BRACE - 1/16" PLY.
3/32" SHT. GUSSETS
BEND RIBS TO FIT FUSELAGE
4 LAMS 1/16" X 1/8"
1/8" WASHOUT AT W5 - BOTH SIDES
1/8" X 1/4"
STRUT ATTACHMENT
2 PCS. 3/8" STOCK - DRILL FOR STRUT PINS TO PLUG INTO
ALL WING RIBS ARE 1/16" SHT.
4 REQ'D OF W2
6 REQ'D OF W3
12 REQ'D OF W3A
2 REQ'D OF ALL OTHERS
W1 W3A W2 W3 W4 W5 W6A W6 W7 W5A W4A S3 S1 S2 S4 S5
1/32" M.W.
1/8" SHT.
SOFT BALSA ROCKER ARM COVERS - 18 REQ'D
WING TIP FRONT VIEW
W4 W5 W6 W7
8 1/2" DIHEDRAL
L.E. IS LAMINATED FROM 3 PCS. 1/16" SHT. X 3/4" WIDE. L.E. IS THEN CUT TO SHAPE WITH UPSWEEP IN TIP
4 LAMS 1/32" X 1/8"
3/32" SHT. RUDDER MOUNT
6-1/2" RIGHT THRUST
1/4" SHT.
3/16" SHT.
1/8" PLY.
3/16" SQ. FRAMEWORK BETWEEN COWL FORMERS
S3 S4 S5 S1 S2
RUDDER & STABILIZER RIBS ARE 1/32" SHT.
2 OF THESE REQ'D
R1 R2 R3 R4
FRONT 1/8" X 1/2"
REAR 1/8" X 3/8"
WING STRUTS - REMOVE FOR FLYING
NOTE: MAKE WING STRUTS LONGER THAN SHOWN, THEN TRIM TO FIT YOUR MODEL
1/32" M.W.
BALANCE POINT
1/8" SQ. BALSA
1/16" SHT. COWL FORMERS ARE FULL CIRCLES
3/32" SQ.
1/8" SHT.
1/16" SHT. PLANKING
1/8" SQ. SPRUCE
NOTE: 1/8" SQ. FUSELAGE MEMBERS AFT OF WING TE ARE BALSA UNLESS OTHERWISE SPECIFIED
F9 F7 F10 F8
R4 R3 R2 R1
1/32" SHT.
4 LAMS 1/32" X 1/8"
3/1/8" X 1/4"
1/8" SQ. SPRUCE
1/8" SHT. FILL-IN
LEAVE THIS SPACE UNCOVERED FOR STAB
SOFT 3/16" SHT. THESE RIBS ARE THE SAME
1/16" DOWELS
1/8" SQ. BALSA
1/8" SQ. SPRUCE
1/8" SHT.
3/32" X 3/8" 1/16" PLY. OR HARDWOOD 1/16" DOWEL
F10
4° DOWN THRUST
F1 F2 F3 F4 F5 F6 F7 F8 F9
1/16" SHT. PLANKING
1/8" SQ. SPRUCE
3/32" SQ.
1/16" PLY. GUSSETS
1/16" SHT.
PLANK WITH 1/8" X 1/4" BALSA
NOTE: ALL FUSELAGE STRINGERS ARE 3/32" SQ. BALSA
1/4" SHT.
1/16" SHT. BOTH SIDES
1/16" X 3/16"
1" BALSA WHEEL
1/8" SHT.
1/8" SQ. SPRUCE
1/8" SHT. BIND & GLUE TO L.G. STRUT
3/16" SHT.
1/32" M.W.
BIND & SOLDER
1/16" M.W.
SPREADER
REAR L.G. STRUT
3/32" BRASS TUBE
BEND ENDS OF SPREADER UP TO FIT IN BRASS TUBES
3/8" SHT.
3/16" SHT.
NOTE: F1 & F2 ARE 3/32" SHT., ALL OTHERS ARE 1/16" SHT.
BIND & GLUE
1/4" HDWD.
1/4" SHT.
1/8" BRASS TUBE
3/32" M.W.
ALUM BOBBIN
1/4" SHT
FACE WITH 1/32" PLY (4 SIDES)
1/8" PLY. X 2-1/2" SQ.
BALL THRUST BEARING
BIND & GLUE 031" X 1/2" BRASS
3/32" BRASS TUBE
1/16" M.W.
1/16" SHT. OR LIGHT BRISTOL STOCK
3-1/4" WHEELS, NO WIDER THAN 1/16"
PROPELLOR BLANK DIMENSIONS
F5 F1 F2 F6 F4
1/8" SQ. SPRUCE
BIND & GLUE REAR L.G. STRUT TO THIS CROSS PIECE
SECTION THRU F3
MISTER MULLIGAN
DESIGNED & DRAWN BY TOM HOLLE
TRACED FOR M.B. BY PHIL BERNHARDT
SPAN - 56" LENGTH - 44"
POWER - 18 STRANDS 1/4" RUBBER
0 1 2 3 4 5 6 inches
MODEL BUILDER magazine