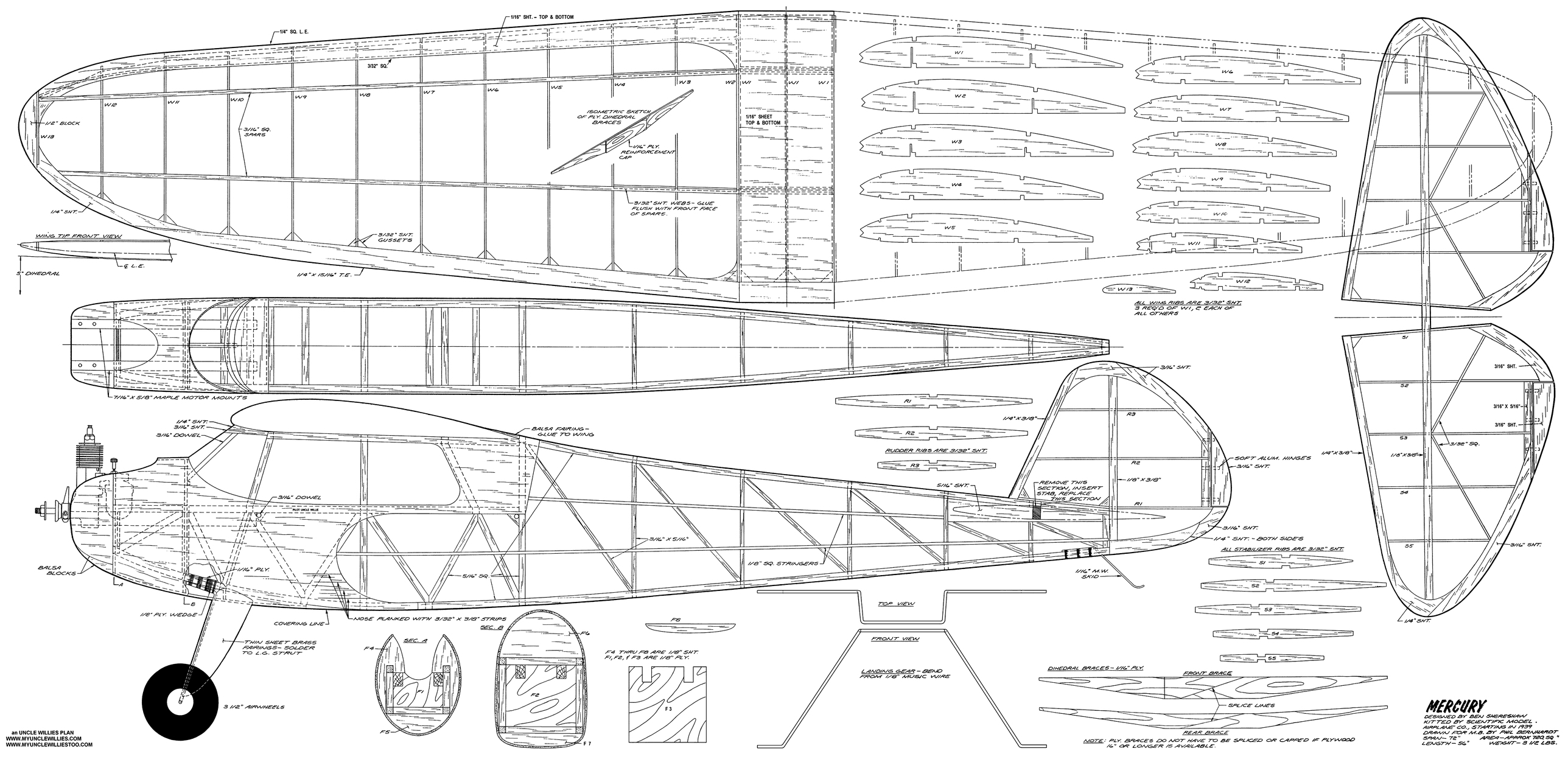
1/16" SHT. - TOP & BOTTOM
1/4" SQ. L.E.
3/32" SQ.
W12
W11
W10
W9
W8
W7
W6
W5
W4
W3
W2
W1
1/2" BLOCK
W13
3/16" SQ. SPARS
ISOMETRIC SKETCH OF PLY DIHEDRAL BRACES
1/16" PLY. REINFORCEMENT CAP
1/16" SHEET TOP & BOTTOM
3/32" SHT. WEBS - GLUE FLUSH WITH FRONT FACE OF SPARS.
1/4" SHT.
WING TIP FRONT VIEW
3/32" SHT. GUSSETS
5° DIHEDRAL
℄ L.E.
1/4" X 15/16" T.E.
ALL WING RIBS ARE 3/32" SHT.
3 REQ'D OF W1, 2 EACH OF ALL OTHERS
7/16" X 5/8" MAPLE MOTOR MOUNTS
1/4" SHT.
3/16" SHT.
3/16" DOWEL
BALSA FAIRING - GLUE TO WING
R1
R2
R3
RUDDER RIBS ARE 3/32" SHT.
1/4" X 3/8"
3/16" SHT.
SOFT ALUM. HINGES
1/8" X 3/8"
REMOVE THIS SECTION, INSERT STAB, REPLACE THIS SECTION
3/16" DOWEL
PILOT UNCLE WILLIE
3/16" X 5/16"
1/8" SQ. STRINGERS
1/4" SHT. - BOTH SIDES
ALL STABILIZER RIBS ARE 3/32" SHT.
S1
S2
S3
S4
S5
3/16" SHT.
3/16" X 5/16"
3/32" SQ.
1/8" X 3/8"
BALSA BLOCKS
1/16" PLY.
5/16" SQ.
1/16" M.W. SKID
1/8" PLY. WEDGE
COVERING LINE
NOSE PLANKED WITH 3/32" X 3/8" STRIPS
TOP VIEW
FRONT VIEW
LANDING GEAR - BEND FROM 1/8" MUSIC WIRE
THIN SHEET BRASS FAIRINGS - SOLDER TO L.G. STRUT
3 1/2" AIRWHEELS
SEC. A
SEC. B
F1
F2
F3
F4
F5
F6
F7
F8
F4 THRU F8 ARE 1/8" SHT.
F1, F2, & F3 ARE 1/8" PLY.
DIHEDRAL BRACES - 1/16" PLY.
FRONT BRACE
SPLICE LINES
REAR BRACE
NOTE: PLY. BRACES DO NOT HAVE TO BE SPLICED OR CAPPED IF PLYWOOD 16" OR LONGER IS AVAILABLE.
MERCURY
DESIGNED BY BEN SHERESHAW
KITTED BY SCIENTIFIC MODEL AIRPLANE CO., STARTING IN 1939
DRAWN FOR M.B. BY PAUL BERNIKROT
SPAN - 72"
AREA - APPROX 720 SQ."
LENGTH - 56"
WEIGHT - 3 1/2 LBS.
an UNCLE WILLIES PLAN
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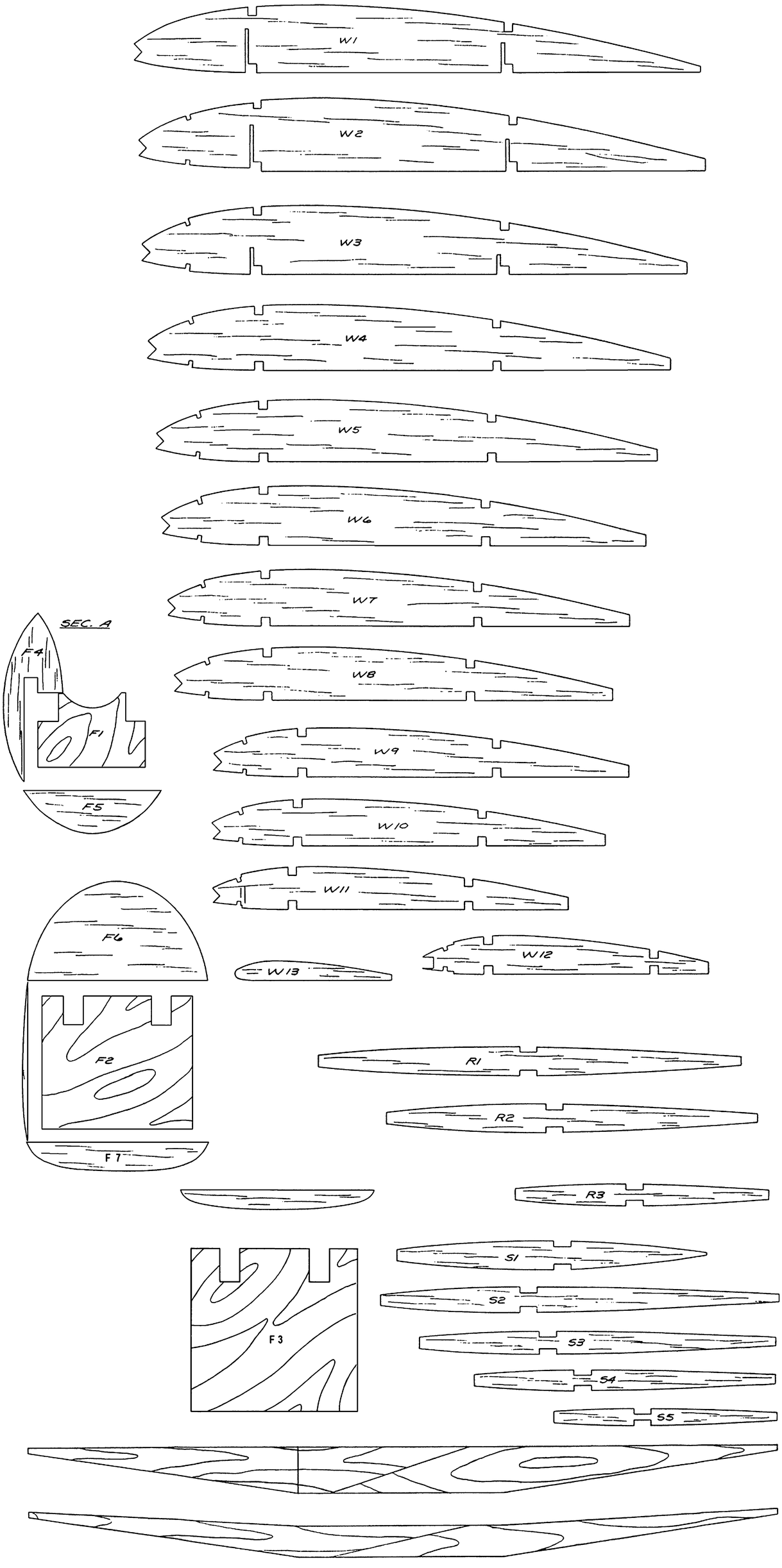
WWW.MYUNCLEWILLIESTOO.COM


W1
W2
W3
W4
W5
W6
W7
SEC. A
F4
W8
F1
W9
F5
W10
W11
F6
W12
W13
F2
R1
R2
F7
R3
S1
F3
S2
S3
S4
S5