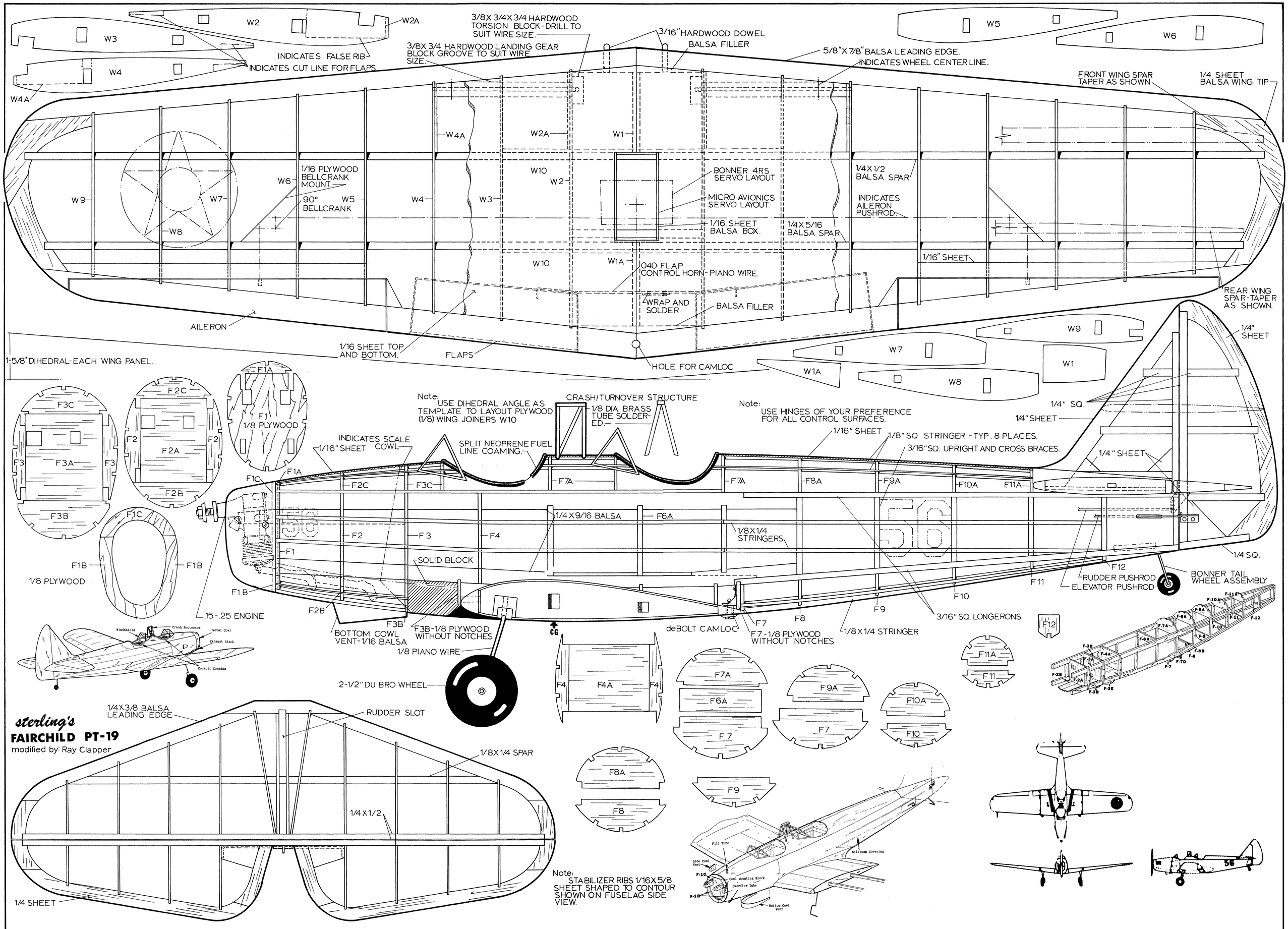
W2
W2A
W3
W4
W4A
INDICATES FALSE RIB
INDICATES CUT LINE FOR FLAPS
3/8X 3/4X 3/4 HARDWOOD TORSION BLOCK-DRILL TO SUIT WIRE SIZE.
3/8X 3/4 HARDWOOD LANDING GEAR BLOCK GROOVE TO SUIT WIRE SIZE.
3/16" HARDWOOD DOWEL
BALSA FILLER
5/8"X 7/8" BALSA LEADING EDGE.
INDICATES WHEEL CENTER LINE.
W5
W6
FRONT WING SPAR TAPER AS SHOWN
1/4 SHEET BALSA WING TIP
W9
W7
W8
1/16 PLYWOOD BELLCRANK MOUNT.
90° BELLCRANK
W10
W1
W1A
BONNER 4RS SERVO LAYOUT
MICRO AVIONICS SERVO LAYOUT.
1/16 SHEET BALSA BOX.
1/4X 1/2 BALSA SPAR
INDICATES AILERON PUSHROD.
1/4X 5/16 BALSA SPAR
1/16" SHEET
.040 FLAP CONTROL HORN-PIANO WIRE.
WRAP AND SOLDER
BALSA FILLER
REAR WING SPAR-TAPER AS SHOWN.
AILERON
1/16 SHEET TOP AND BOTTOM.
FLAPS
HOLE FOR CAMLOC
1-5/8" DIHEDRAL-EACH WING PANEL.
1/4" SHEET
F3C
F3
F3A
F3B
F2C
F2
F2A
F2B
F1A
F1
1/8 PLYWOOD
F1C
F1B
1/8 PLYWOOD
Note: USE DIHEDRAL ANGLE AS TEMPLATE TO LAYOUT PLYWOOD (1/8) WING JOINERS W10
CRASH/TURNOVER STRUCTURE
1/8 DIA. BRASS TUBE SOLDERED.
Note: USE HINGES OF YOUR PREFERENCE FOR ALL CONTROL SURFACES.
1/4" SQ.
1/4" SHEET
1/16" SHEET
1/8" SQ. STRINGER -TYP. 8 PLACES.
3/16" SQ. UPRIGHT AND CROSS BRACES.
1/4" SHEET
INDICATES SCALE COWL
1/16" SHEET
SPLIT NEOPRENE FUEL LINE COAMING.
F7A
F8A
F9A
F10A
F11A
F6A
1/4X 9/16 BALSA
1/8X 1/4 STRINGERS
F4
F12
1/4 SQ.
SOLID BLOCK
RUDDER PUSHROD
ELEVATOR PUSHROD
BONNER TAIL WHEEL ASSEMBLY
F11
F10
F9
F8
F7
.15-.25 ENGINE
BOTTOM COWL VENT-1/16 BALSA
F3B-1/8 PLYWOOD WITHOUT NOTCHES
1/8 PIANO WIRE
CG
deBOLT CAMLOC
F7-1/8 PLYWOOD WITHOUT NOTCHES
1/8X 1/4 STRINGER
3/16" SQ. LONGERONS
2-1/2" DU BRO WHEEL
F4A
F11
Windshield
Crash Protector
Metal Cowl
Exhaust Stack
Cockpit Coaming
1/4X 3/8 BALSA LEADING EDGE
RUDDER SLOT
1/8X 1/4 SPAR
1/4X 1/2
1/4 SHEET
Note: STABILIZER RIBS 1/16X 5/8 SHEET SHAPED TO CONTOUR SHOWN ON FUSELAG SIDE VIEW.
Fill Tube
Side Cowl Vent
Cowl Mounting Block
Overflow Tube
Bottom Cowl Vent
Silkspan Covering
sterling's
FAIRCHILD PT-19
modified by: Ray Clapper