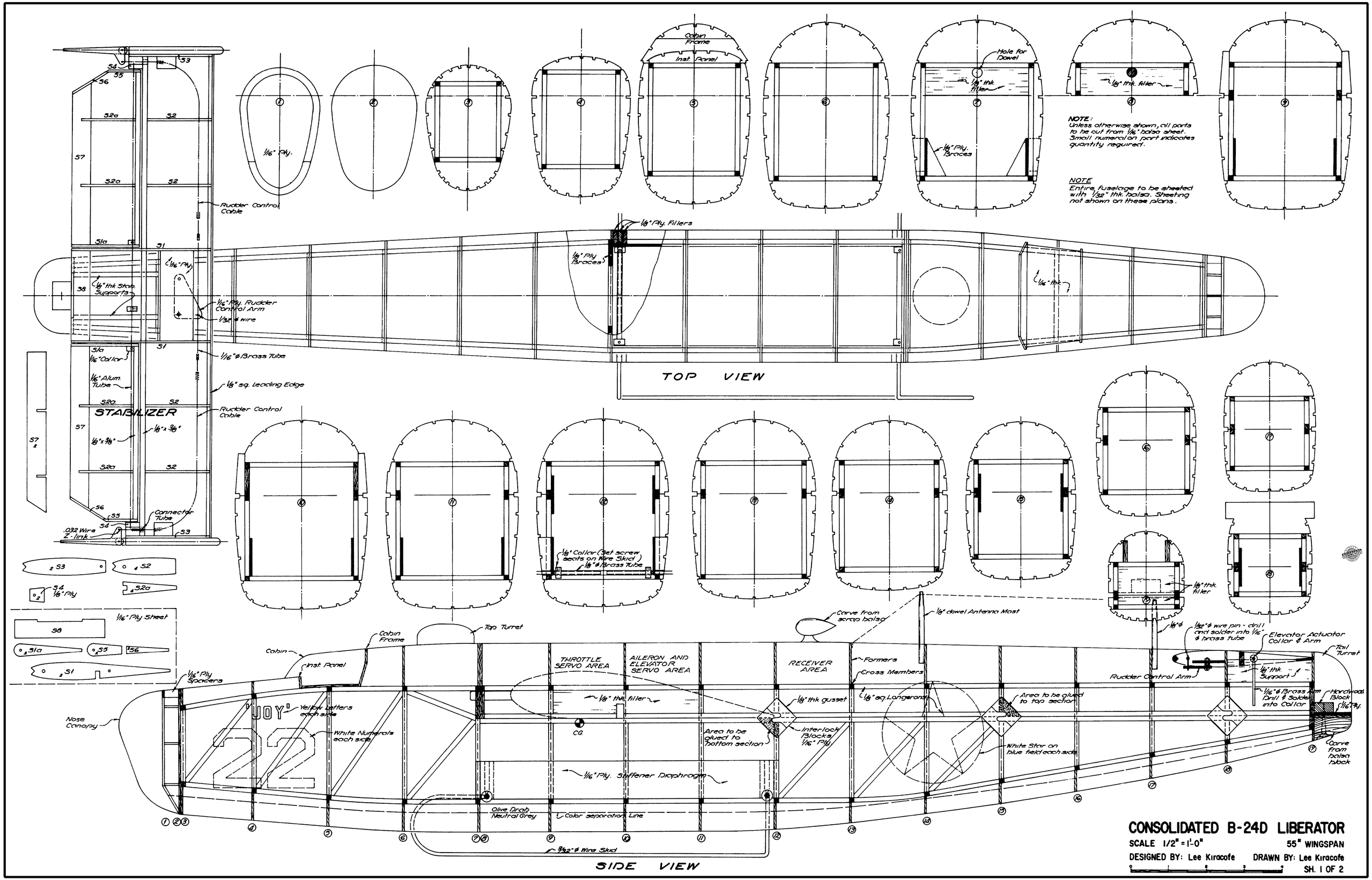


CONSOLIDATED B-24D LIBERATOR

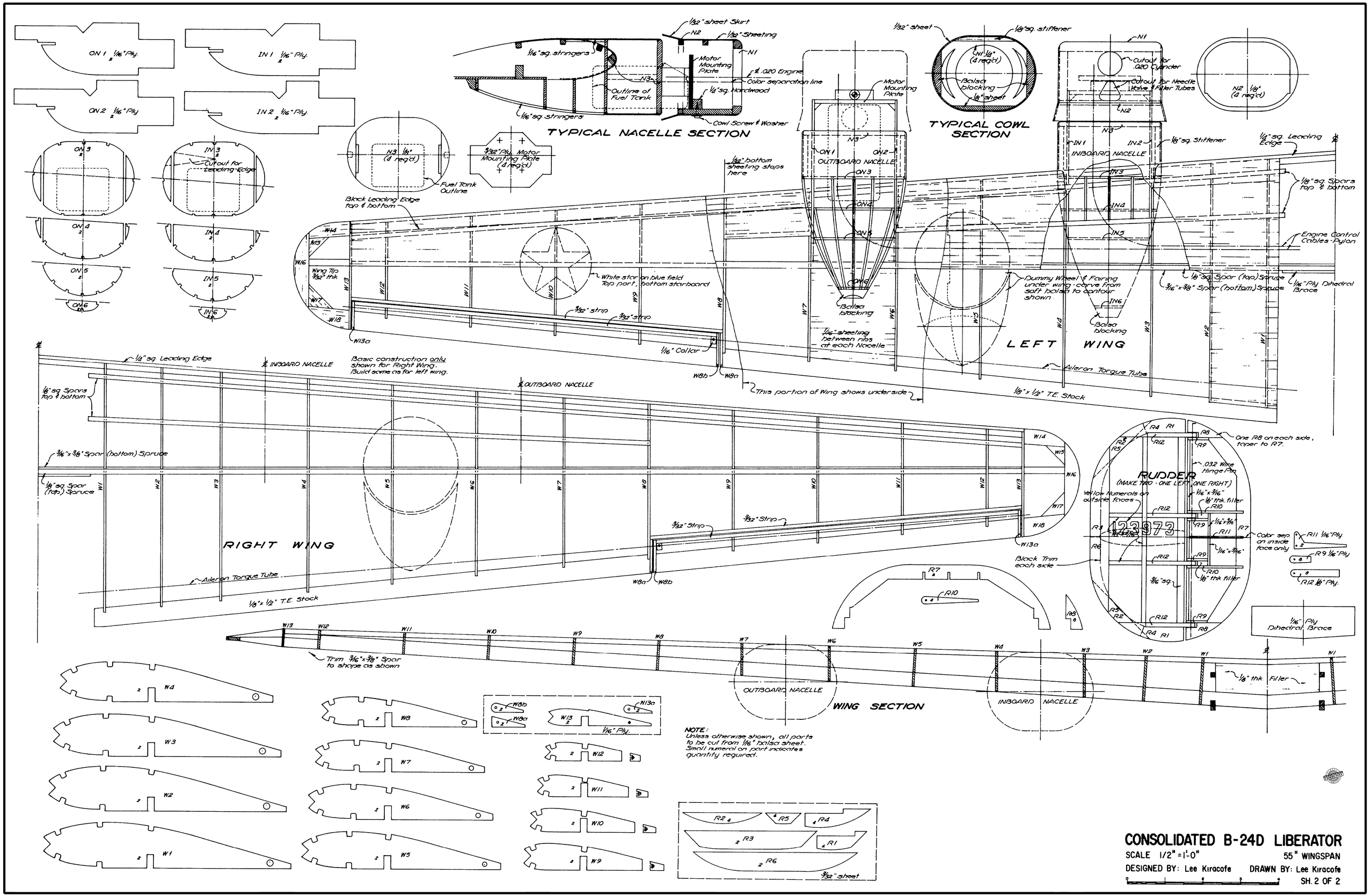
SCALE 1/2" = 1'-0"

55" WINGSPAN

DESIGNED BY: Lee Kiracofe

DRAWN BY: Lee Kiracofe

SH. 1 OF 2


ON 1 1/16" Ply.
IN 1 1/16" Ply.
ON 2 1/16" Ply.
IN 2 1/16" Ply.
ON 3
IN 3
Cutout for Leading-Edge
ON 4
IN 4
ON 5
IN 5
ON 6
IN 6
1/32" sheet Skirt
N2
1/32" Sheeting
N1
1/16" sq. stringers
Motor Mounting Plate
#.020 Engine
Color separation line
N3
Outline of Fuel Tank
1/4" sq. Hardwood
1/16" sq. stringers
Cowl Screw & Washer
TYPICAL NACELLE SECTION
N3 1/8" (4 req'd)
Fuel Tank Outline
3/32" Ply. Motor Mounting Plate (4 req'd)
Block Leading Edge top & bottom
1/32" bottom sheeting stops here
Motor Mounting Plate
ON 1
ON 2
OUTBOARD NACELLE
ON 3
ON 4
ON 5
ON 6
Balsa blocking
1/16" sheeting between ribs at each Nacelle
1/32" sheet
1/8" sq. stiffener
N1 1/8" (4 req'd)
Balsa blocking
1/8" sheet
TYPICAL COWL SECTION
N1
Cutout for .020 Cylinder
Cutout for Needle Valve & Filler Tubes
N2
N2 1/8" (4 req'd)
N3
IN 1
IN 2
INBOARD NACELLE
1/8" sq. Stiffener
1/4" sq. Leading Edge
IN 3
IN 4
IN 5
IN 6
Balsa blocking
1/8" sq. Spars top & bottom
Engine Control Cables - Pylon
1/8" sq. Spar (top) Spruce
3/16" x 3/8" Spar (bottom) Spruce
1/16" Ply Dihedral Brace
Dummy Wheel & Fairing under wing - carve from soft balsa to contour shown
W14
W15
W16
W13
W12
W11
W10
W9
W8
W7
W6
W5
W4
W3
W2
W1
White star on blue field Top port, bottom starboard
3/32" strip
3/32" strip
W13a
1/16" Collar
W8b
W8a
This portion of Wing shows underside
LEFT WING
Aileron Torque Tube
1/8" x 1/2" T.E. Stock
1/4" sq. Leading Edge
INBOARD NACELLE
Basic construction only shown for Right Wing. Build same as for left wing.
OUTBOARD NACELLE
1/8" sq. Spars top & bottom
3/16" x 3/8" Spar (bottom) Spruce
1/8" sq. Spar (top) Spruce
W1
W2
W3
W4
W5
W6
W7
W8
W9
W10
W11
W12
W13
W14
W15
W16
W17
W18
3/32" Strip
3/32" Strip
W13a
W8a
W8b
RIGHT WING
Aileron Torque Tube
1/8" x 1/2" T.E. Stock
R4 R1
R8
One R8 on each side, taper to R7.
R3
R5
R12
R9
.032 Wire Hinge Pin
RUDDER
(MAKE TWO - ONE LEFT, ONE RIGHT)
Yellow Numerals on outside faces
1/16" x 3/16"
1/8" thk. filler
R10
R12
R9
1/16" x 3/16"
R7
R11
123973
R3
R6
Color sep. on inside face only
R11 1/16" Ply
R9 1/16" Ply
1/16" x 3/16"
R12
R9
R10
1/8" thk filler
R12 1/8" Ply.
3/16" sq.
R7
R10
R9
R5
R2
R12
R9
R4 R1
R8
1/16" Ply Dihedral Brace
W13
W12
W11
W10
W9
W8
W7
W6
W5
W4
W3
W2
W1
Trim 3/16" x 3/8" Spar to shape as shown
OUTBOARD NACELLE
WING SECTION
INBOARD NACELLE
1/8" thk. Filler
W4
W3
W2
W1
W8
W7
W6
W5
W8b
W8a
W13a
W13
1/16" Ply.
W12
W11
W10
W9
R2
R5
R4
R3
R1
R6
3/32" sheet
NOTE: Unless otherwise shown, all parts to be cut from 1/16" balsa sheet. Small numeral on part indicates quantity required.
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55" WINGSPAN
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SH. 2 OF 2