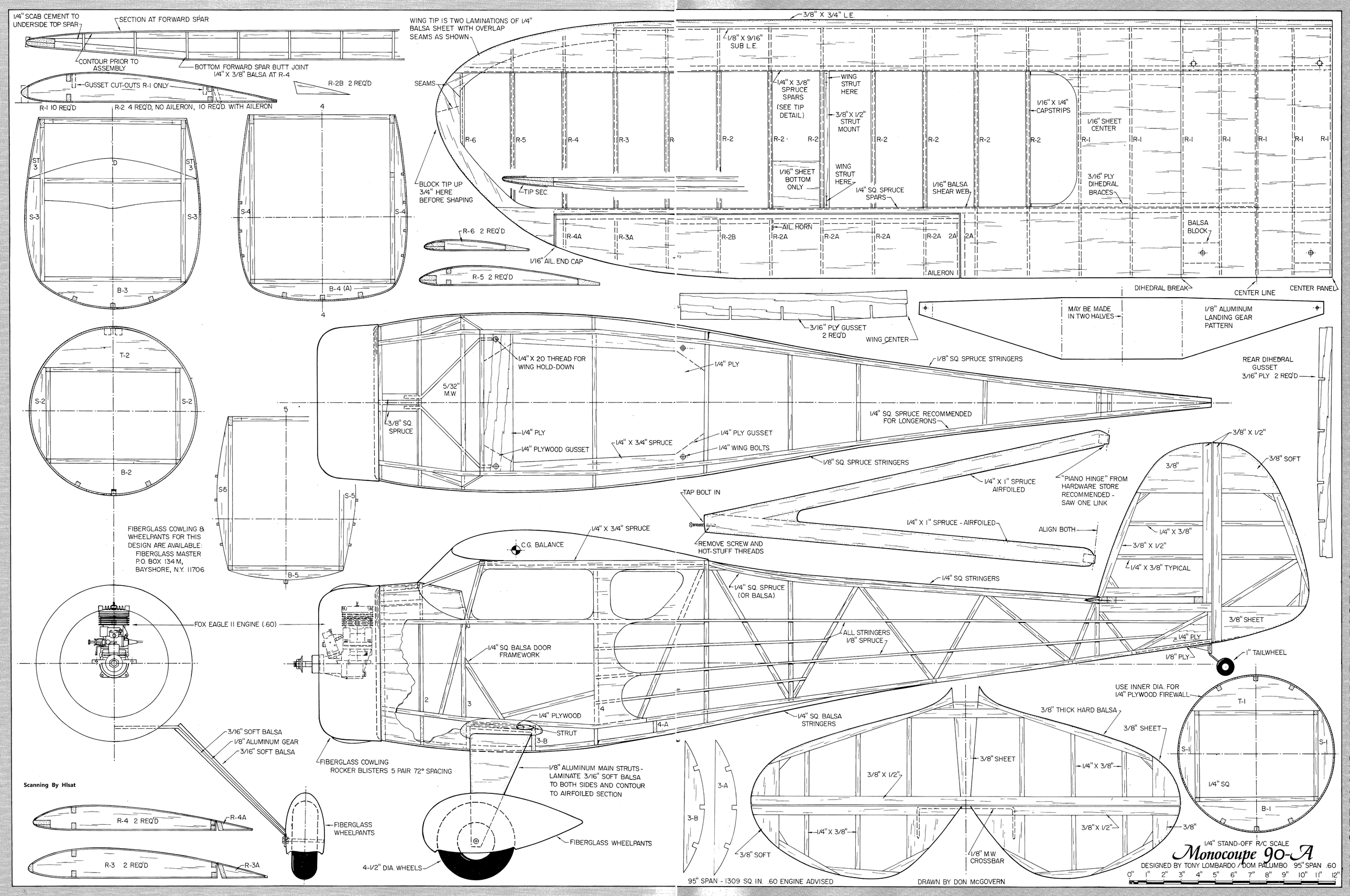
1/4" SCAB CEMENT TO UNDERSIDE TOP SPAR
SECTION AT FORWARD SPAR
CONTOUR PRIOR TO ASSEMBLY
BOTTOM FORWARD SPAR BUTT JOINT 1/4" X 3/8" BALSA AT R-4
GUSSET CUT-OUTS R-1 ONLY
R-2B 2 REQ'D
R-1 10 REQ'D
R-2 4 REQ'D, NO AILERON, 10 REQ'D. WITH AILERON
WING TIP IS TWO LAMINATIONS OF 1/4" BALSA SHEET WITH OVERLAP SEAMS AS SHOWN
3/8" X 3/4" L.E.
1/8" X 9/16" SUB L.E.
SEAMS
1/4" X 3/8" SPRUCE SPARS (SEE TIP DETAIL)
WING STRUT HERE
3/8" X 1/2" STRUT MOUNT
1/16" X 1/4" CAPSTRIPS
1/16" SHEET CENTER
1/16" SHEET BOTTOM ONLY
WING STRUT HERE
1/4" SQ. SPRUCE SPARS
1/16" BALSA SHEAR WEB
3/16" PLY DIHEDRAL BRACES
BLOCK TIP UP 3/4" HERE BEFORE SHAPING
TIP SEC.
R-6 2 REQ'D
R-5 2 REQ'D
1/16" AIL. END CAP
AIL. HORN
BALSA BLOCK
AILERON
DIHEDRAL BREAK
CENTER LINE
CENTER PANEL
3/16" PLY GUSSET 2 REQ'D
WING CENTER
MAY BE MADE IN TWO HALVES
1/8" ALUMINUM LANDING GEAR PATTERN
1/4" X 20 THREAD FOR WING HOLD-DOWN
1/4" PLY
1/8" SQ. SPRUCE STRINGERS
REAR DIHEDRAL GUSSET 3/16" PLY 2 REQ'D
5/32" M.W.
3/8" SQ. SPRUCE
1/4" PLY
1/4" PLYWOOD GUSSET
1/4" X 3/4" SPRUCE
1/4" PLY GUSSET
1/4" WING BOLTS
1/4" SQ. SPRUCE RECOMMENDED FOR LONGERONS
1/8" SQ. SPRUCE STRINGERS
3/8" X 1/2"
3/8" SOFT
3/8"
1/4" X 1" SPRUCE AIRFOILED
"PIANO HINGE" FROM HARDWARE STORE RECOMMENDED - SAW ONE LINK
TAP BOLT IN
1/4" X 1" SPRUCE - AIRFOILED
ALIGN BOTH
REMOVE SCREW AND HOT-STUFF THREADS
1/4" X 3/8"
3/8" X 1/2"
1/4" X 3/8" TYPICAL
FIBERGLASS COWLING & WHEELPANTS FOR THIS DESIGN ARE AVAILABLE: FIBERGLASS MASTER P.O. BOX 134 M, BAYSHORE, N.Y. 11706
1/4" X 3/4" SPRUCE
C.G. BALANCE
1/4" SQ. SPRUCE (OR BALSA)
1/4" SQ. STRINGERS
3/8" SHEET
FOX EAGLE II ENGINE (.60)
ALL STRINGERS 1/8" SPRUCE
1/4" PLY
1/8" PLY
1" TAILWHEEL
1/4" SQ. BALSA DOOR FRAMEWORK
USE INNER DIA. FOR 1/4" PLYWOOD FIREWALL
3/8" THICK HARD BALSA
3/8" SHEET
1/4" PLYWOOD
STRUT
1/4" SQ. BALSA STRINGERS
3/16" SOFT BALSA
1/8" ALUMINUM GEAR
3/16" SOFT BALSA
FIBERGLASS COWLING ROCKER BLISTERS 5 PAIR 72° SPACING
1/8" ALUMINUM MAIN STRUTS - LAMINATE 3/16" SOFT BALSA TO BOTH SIDES AND CONTOUR TO AIRFOILED SECTION
3/8" SHEET
3/8" X 1/2"
1/4" X 3/8"
1/4" SQ.
1/4" X 3/8"
3/8" X 1/2"
3/8"
3/8" SOFT
1/8" M.W. CROSSBAR
R-4 2 REQ'D
R-4A
R-3 2 REQ'D
R-3A
FIBERGLASS WHEELPANTS
4-1/2" DIA. WHEELS
FIBERGLASS WHEELPANTS
1/4" STAND-OFF R/C SCALE
Monocoupe 90-A
DESIGNED BY TONY LOMBARDO / DOM PALUMBO 95" SPAN .60
95" SPAN - 1309 SQ. IN. .60 ENGINE ADVISED
DRAWN BY DON McGOVERN
0" 1" 2" 3" 4" 5" 6" 7" 8" 9" 10" 11" 12"
Scanning By Hlsat