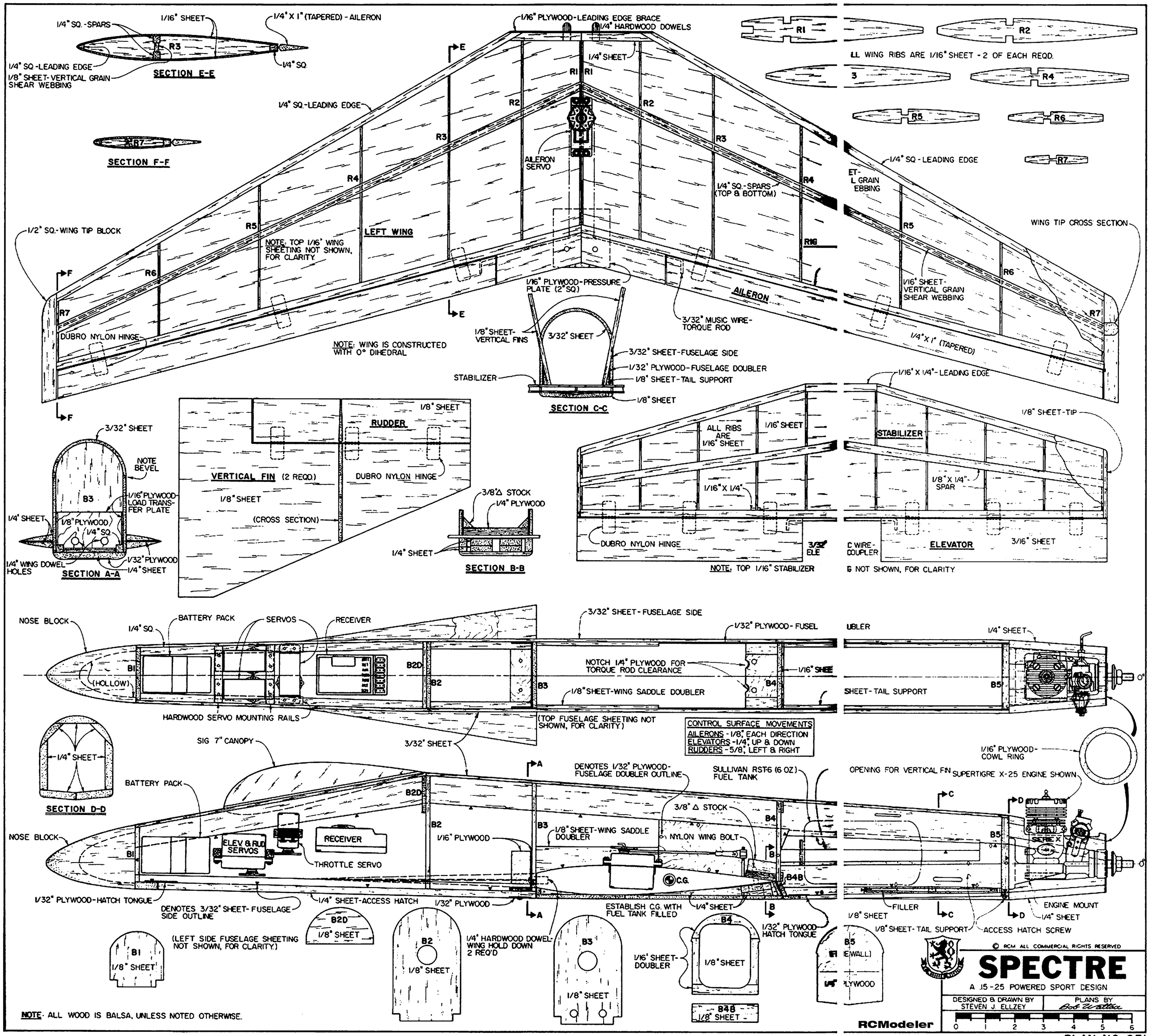
1/4" SQ.-SPARS
1/16" SHEET
1/4" X 1" (TAPERED) - AILERON
R3
1/4" SQ.-LEADING EDGE
1/8" SHEET-VERTICAL GRAIN SHEAR WEBBING
1/4" SQ.
SECTION E-E
R7
SECTION F-F
1/16" PLYWOOD-LEADING EDGE BRACE
1/4" HARDWOOD DOWELS
1/4" SHEET
R1
R2
R3
R4
R5
R6
R7
R16
1/4" SQ.-LEADING EDGE
AILERON SERVO
1/4" SQ.-SPARS (TOP & BOTTOM)
1/2" SQ.-WING TIP BLOCK
NOTE: TOP 1/16" WING SHEETING NOT SHOWN, FOR CLARITY.
LEFT WING
DUBRO NYLON HINGE
NOTE: WING IS CONSTRUCTED WITH 0° DIHEDRAL
1/16" PLYWOOD-PRESSURE PLATE (2" SQ.)
1/8" SHEET-VERTICAL FINS
3/32" SHEET
3/32" MUSIC WIRE-TORQUE ROD
AILERON
3/32" SHEET-FUSELAGE SIDE
1/32" PLYWOOD-FUSELAGE DOUBLER
1/8" SHEET-TAIL SUPPORT
STABILIZER
1/8" SHEET
SECTION C-C
ALL WING RIBS ARE 1/16" SHEET - 2 OF EACH REQD.
1/4" SQ - LEADING EDGE
WING TIP CROSS SECTION
1/16" SHEET-VERTICAL GRAIN SHEAR WEBBING
1/4" X 1" (TAPERED)
1/16" X 1/4" - LEADING EDGE
1/8" SHEET-TIP
STABILIZER
1/8" X 1/4" SPAR
ELEVATOR
3/16" SHEET
1/8" SHEET
RUDDER
VERTICAL FIN (2 REQD.)
DUBRO NYLON HINGE
(CROSS SECTION)
3/32" SHEET
NOTE BEVEL
B3
1/16" PLYWOOD-LOAD TRANSFER PLATE
1/4" SHEET
1/8" PLYWOOD
1/4" SQ.
1/4" WING DOWEL HOLES
1/32" PLYWOOD
1/4" SHEET
SECTION A-A
3/8" Δ STOCK
1/4" PLYWOOD
1/4" SHEET
SECTION B-B
ALL RIBS ARE 1/16" SHEET
1/16" SHEET
1/16" X 1/4"
DUBRO NYLON HINGE
NOTE: TOP 1/16" STABILIZER
NOSE BLOCK
1/4" SQ.
BATTERY PACK
SERVOS
RECEIVER
B1
(HOLLOW)
B2D
B2
B3
B4
B5
3/32" SHEET-FUSELAGE SIDE
1/32" PLYWOOD-FUSELAGE DOUBLER
1/4" SHEET
NOTCH 1/4" PLYWOOD FOR TORQUE ROD CLEARANCE
1/16" SHEET
1/8" SHEET-WING SADDLE DOUBLER
1/8" SHEET-TAIL SUPPORT
HARDWOOD SERVO MOUNTING RAILS
(TOP FUSELAGE SHEETING NOT SHOWN, FOR CLARITY)
CONTROL SURFACE MOVEMENTS
AILERONS - 1/8", EACH DIRECTION
ELEVATORS - 1/4", UP & DOWN
RUDDERS - 5/8", LEFT & RIGHT
1/4" SHEET
SECTION D-D
SIG 7" CANOPY
3/32" SHEET
1/16" PLYWOOD-COWL RING
OPENING FOR VERTICAL FIN
SUPERTIGRE X-25 ENGINE SHOWN
BATTERY PACK
DENOTES 1/32" PLYWOOD-FUSELAGE DOUBLER OUTLINE
SULLIVAN RST-6 (6 OZ) FUEL TANK
3/8" Δ STOCK
1/16" PLYWOOD
1/8" SHEET-WING SADDLE DOUBLER
NYLON WING BOLT
ELEV & RUD SERVOS
RECEIVER
THROTTLE SERVO
C.G.
B4B
1/32" PLYWOOD-HATCH TONGUE
DENOTES 3/32" SHEET-FUSELAGE SIDE OUTLINE
1/4" SHEET-ACCESS HATCH
1/32" PLYWOOD
ESTABLISH C.G. WITH FUEL TANK FILLED
1/4" SHEET
1/32" PLYWOOD-HATCH TONGUE
FILLER
1/8" SHEET
1/8" SHEET-TAIL SUPPORT
ACCESS HATCH SCREW
ENGINE MOUNT
1/4" SHEET
(LEFT SIDE FUSELAGE SHEETING NOT SHOWN, FOR CLARITY.)
1/4" HARDWOOD DOWEL-WING HOLD DOWN 2 REQ'D
1/16" SHEET-DOUBLER
NOTE: ALL WOOD IS BALSA, UNLESS NOTED OTHERWISE.
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SPECTRE
A .15-.25 POWERED SPORT DESIGN
DESIGNED & DRAWN BY STEVEN J. ELLZEY
PLANS BY Bob Worthington
RCModeler
PLAN NO. 951