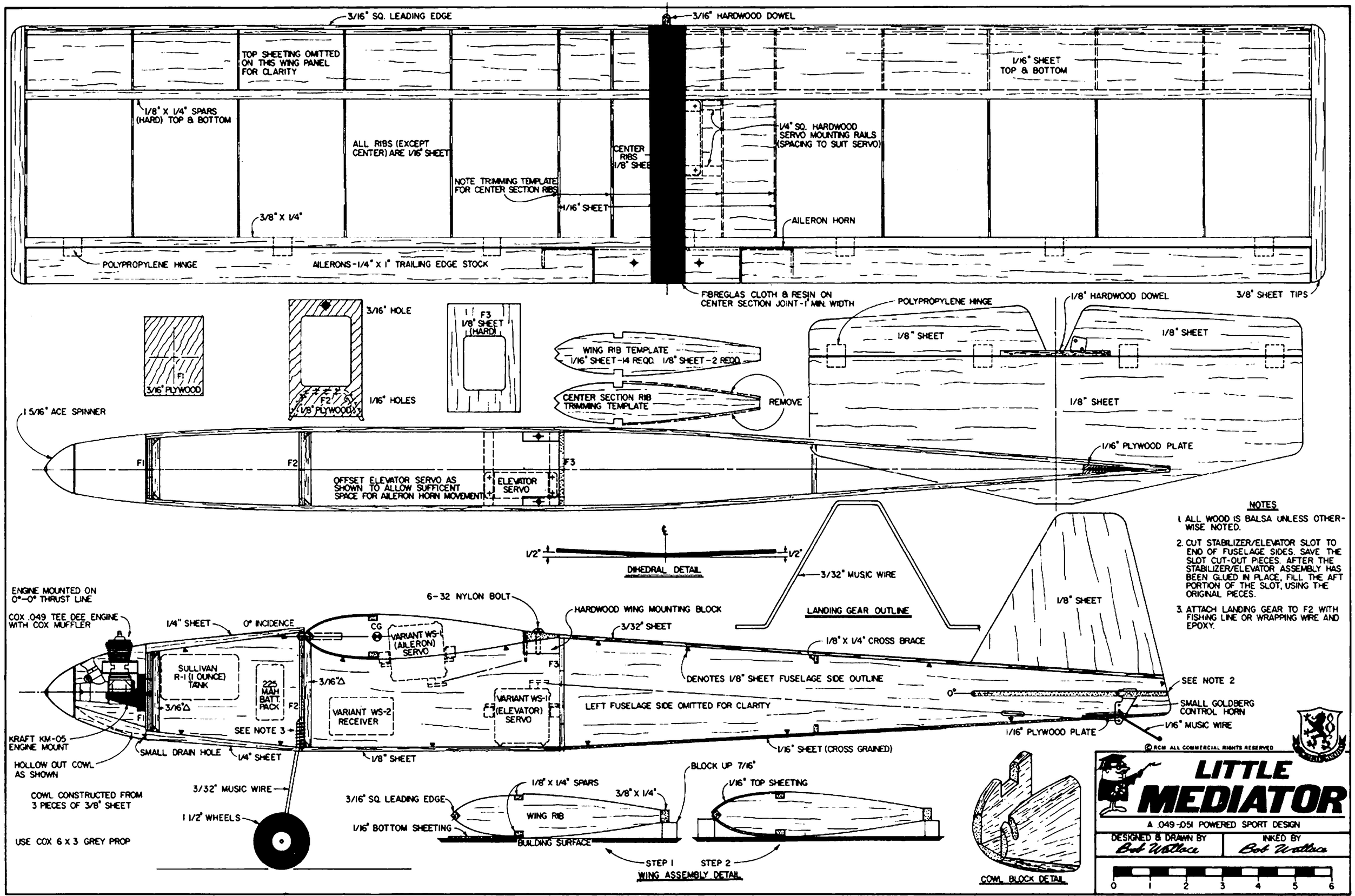
3/16" SQ. LEADING EDGE
3/16" HARDWOOD DOWEL
TOP SHEETING OMITTED ON THIS WING PANEL FOR CLARITY
1/16" SHEET TOP & BOTTOM
1/8" X 1/4" SPARS (HARD) TOP & BOTTOM
ALL RIBS (EXCEPT CENTER) ARE 1/16" SHEET
CENTER RIBS 1/8" SHEET
1/4" SQ. HARDWOOD SERVO MOUNTING RAILS (SPACING TO SUIT SERVO)
NOTE TRIMMING TEMPLATE FOR CENTER SECTION RIBS
1/16" SHEET
3/8" X 1/4"
AILERON HORN
POLYPROPYLENE HINGE
AILERONS-1/4" X 1" TRAILING EDGE STOCK
FIBREGLAS CLOTH & RESIN ON CENTER SECTION JOINT-1" MIN. WIDTH
3/8" SHEET TIPS
F1
3/16" PLYWOOD
3/16" HOLE
F2
1/8" PLYWOOD
1/16" HOLES
F3
1/8" SHEET (HARD)
WING RIB TEMPLATE
1/16" SHEET-14 REQD. 1/8" SHEET-2 REQD.
CENTER SECTION RIB TRIMMING TEMPLATE
REMOVE
POLYPROPYLENE HINGE
1/8" HARDWOOD DOWEL
1/8" SHEET
1/8" SHEET
1/8" SHEET
1/16" PLYWOOD PLATE
1 5/16" ACE SPINNER
F1
F2
F3
OFFSET ELEVATOR SERVO AS SHOWN TO ALLOW SUFFICENT SPACE FOR AILERON HORN MOVEMENT
ELEVATOR SERVO
1/2"
1/2"
DIHEDRAL DETAIL
3/32" MUSIC WIRE
LANDING GEAR OUTLINE
1/8" SHEET
NOTES
1. ALL WOOD IS BALSA UNLESS OTHERWISE NOTED.
2. CUT STABILIZER/ELEVATOR SLOT TO END OF FUSELAGE SIDES. SAVE THE SLOT CUT-OUT PIECES. AFTER THE STABILIZER/ELEVATOR ASSEMBLY HAS BEEN GLUED IN PLACE, FILL THE AFT PORTION OF THE SLOT, USING THE ORIGINAL PIECES.
3. ATTACH LANDING GEAR TO F2 WITH FISHING LINE OR WRAPPING WIRE AND EPOXY.
ENGINE MOUNTED ON 0°-0° THRUST LINE
COX .049 TEE DEE ENGINE WITH COX MUFFLER
1/4" SHEET
0° INCIDENCE
6-32 NYLON BOLT
HARDWOOD WING MOUNTING BLOCK
3/32" SHEET
CG
VARIANT WS-1 (AILERON) SERVO
1/8" X 1/4" CROSS BRACE
SULLIVAN R-1 (1 OUNCE) TANK
225 MAH BATT. PACK
3/16"Δ
F3
DENOTES 1/8" SHEET FUSELAGE SIDE OUTLINE
SEE NOTE 2
0°
3/16"Δ
F1
F2
VARIANT WS-2 RECEIVER
VARIANT WS-1 (ELEVATOR) SERVO
LEFT FUSELAGE SIDE OMITTED FOR CLARITY
SMALL GOLDBERG CONTROL HORN
SEE NOTE 3
1/16" MUSIC WIRE
1/16" PLYWOOD PLATE
KRAFT KM-05 ENGINE MOUNT
SMALL DRAIN HOLE
1/4" SHEET
1/8" SHEET
1/16" SHEET (CROSS GRAINED)
HOLLOW OUT COWL AS SHOWN
COWL CONSTRUCTED FROM 3 PIECES OF 3/8" SHEET
3/32" MUSIC WIRE
1 1/2" WHEELS
USE COX 6 X 3 GREY PROP
BLOCK UP 7/16"
1/8" X 1/4" SPARS
3/8" X 1/4"
1/16" TOP SHEETING
3/16" SQ. LEADING EDGE
WING RIB
1/16" BOTTOM SHEETING
BUILDING SURFACE
STEP 1
STEP 2
WING ASSEMBLY DETAIL
COWL BLOCK DETAIL
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LITTLE MEDIATOR
A .049-.051 POWERED SPORT DESIGN
DESIGNED & DRAWN BY Bob Wallace
INKED BY Bob Wallace
0 1 2 3 4 5 6
PLAN NO. 713