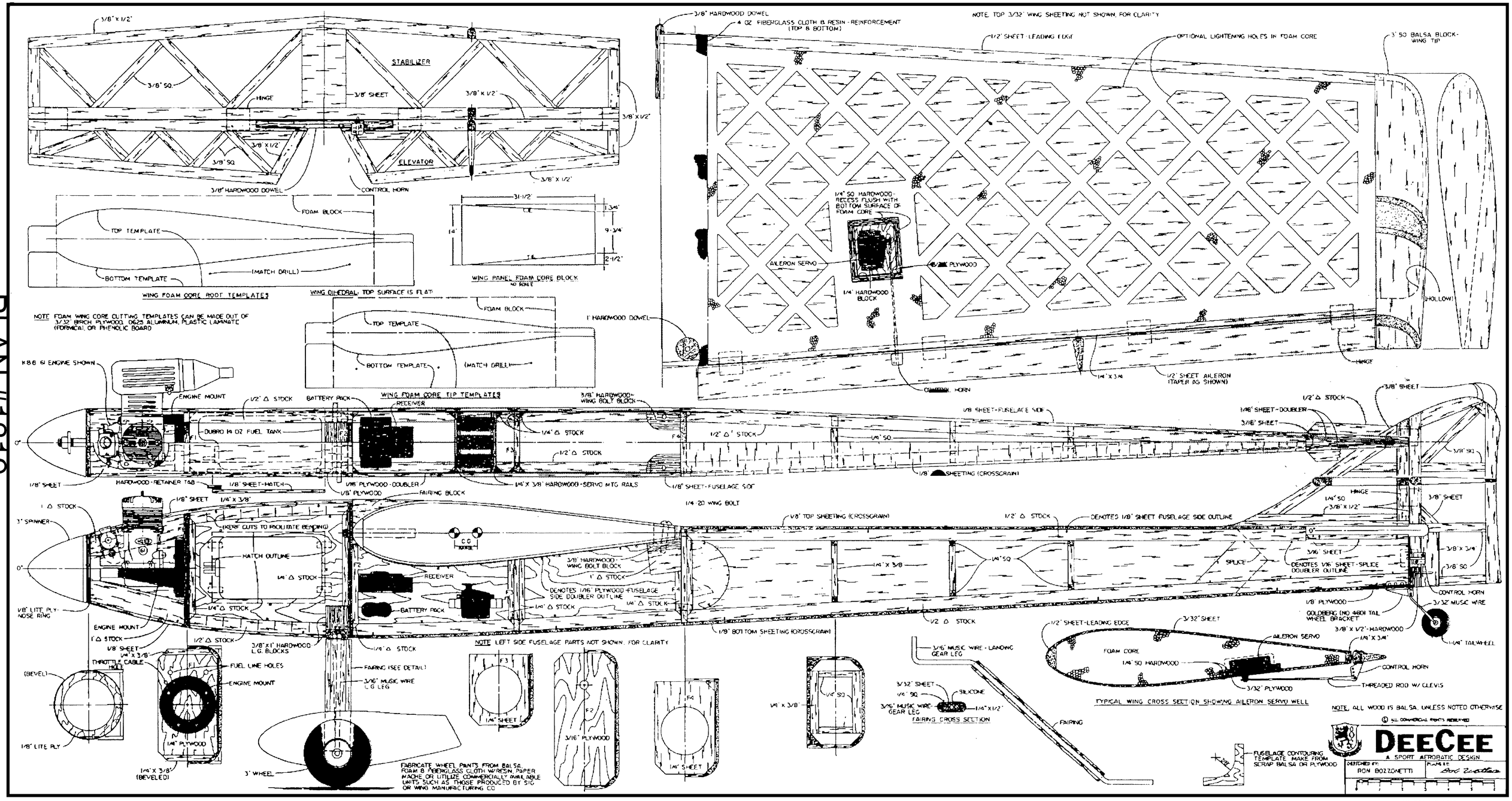
PLAN #1319


STABILIZER
ELEVATOR
3/8" SQ.
HINGE
3/8" SHEET
3/8" X 1/2"
3/8" HARDWOOD DOWEL
CONTROL HORN
FOAM BLOCK
TOP TEMPLATE
BOTTOM TEMPLATE
(MATCH DRILL)
WING FOAM CORE ROOT TEMPLATES
WING PANEL FOAM CORE BLOCK
NO SCALE
WING DIHEDRAL, TOP SURFACE IS FLAT
WING FOAM CORE TIP TEMPLATES
NOTE FOAM WING CORE CUTTING TEMPLATES CAN BE MADE OUT OF 3/32" BIRCH PLYWOOD, DG23 ALUMINUM, PLASTIC LAMINATE (FORMICA) OR PHENOLIC BOARD
NOTE TOP 3/32" WING SHEETING NOT SHOWN, FOR CLARITY
3/8" HARDWOOD DOWEL
4 OZ FIBERGLASS CLOTH & RESIN - REINFORCEMENT (TOP & BOTTOM)
1/2" SHEET - LEADING EDGE
OPTIONAL LIGHTENING HOLES IN FOAM CORE
3" SQ BALSA BLOCK - WING TIP
1/4" SQ HARDWOOD - RECESS FLUSH WITH BOTTOM SURFACE OF FOAM CORE
AILERON SERVO
PLYWOOD
1/4" HARDWOOD BLOCK
(HOLLOW)
HINGE
1/4" X 3/8
1/2" SHEET AILERON (TAPER AS SHOWN)
CONTROL HORN
1" HARDWOOD DOWEL
K&B 61 ENGINE SHOWN
ENGINE MOUNT
1/2" Δ STOCK
BATTERY PACK
RECEIVER
3/8" HARDWOOD - WING BOLT BLOCK
DUBRO 14 OZ FUEL TANK
1/4" Δ STOCK
1/2" Δ STOCK
1/8" SHEET - FUSELAGE SIDE
1/4" SQ
1/8" SHEETING (CROSSGRAIN)
1/8" SHEET
HARDWOOD - RETAINER TAB
1/8" SHEET - HATCH
1/8" PLYWOOD - DOUBLER
1/8" PLYWOOD
FAIRING BLOCK
1/4" X 3/8" HARDWOOD - SERVO MTG RAILS
1/8" SHEET - FUSELAGE SIDE
1/4-20 WING BOLT
1/8" SHEET - DOUBLER
3/16" SHEET
3/8" SHEET
3/8" SQ
1" Δ STOCK
3" SPINNER
1/4" X 3/8"
(KERF CUTS TO FACILITATE BENDING)
HATCH OUTLINE
C.G.
1/8" TOP SHEETING (CROSSGRAIN)
DENOTES 1/8" SHEET FUSELAGE SIDE OUTLINE
HINGE
1/4" SQ
3/8" X 1/2"
3/8" HARDWOOD - WING BOLT BLOCK
1" Δ STOCK
1/4" X 3/8
1/4" SQ
SPLICE
3/16" SHEET
DENOTES 1/16" SHEET - SPLICE DOUBLER OUTLINE
3/8" X 3/4
3/8" SQ
RECEIVER
DENOTES 1/16" PLYWOOD FUSELAGE SIDE DOUBLER OUTLINE
BATTERY PACK
1/8" PLYWOOD
CONTROL HORN
3/32" MUSIC WIRE
GOLDBERG (NO 4801) TAIL WHEEL BRACKET
1/8" LITE PLY - NOSE RING
ENGINE MOUNT
1/2" Δ STOCK
1/8" BOTTOM SHEETING (CROSSGRAIN)
3/32" SHEET
3/8" X 1/2" - HARDWOOD
1-1/4" TAILWHEEL
1/8" SHEET
1/4" X 3/8"
3/8" X 1" HARDWOOD L.G. BLOCKS
NOTE LEFT SIDE FUSELAGE PARTS NOT SHOWN, FOR CLARITY
1/2" SHEET - LEADING EDGE
AILERON SERVO
1/4" X 3/4"
FOAM CORE
1/4" SQ HARDWOOD
CONTROL HORN
3/32" PLYWOOD
THREADED ROD W/ CLEVIS
TYPICAL WING CROSS SECTION SHOWING AILERON SERVO WELL
3/16" MUSIC WIRE - LANDING GEAR LEG
3/32" SHEET
1/4" SQ
SILICONE
3/16" MUSIC WIRE - GEAR LEG
1/4" X 1/2"
FAIRING CROSS SECTION
FAIRING
(BEVEL)
THROTTLE CABLE HOLE
FUEL LINE HOLES
ENGINE MOUNT
FAIRING (SEE DETAIL)
3/16" MUSIC WIRE L.G. LEG
1/8" LITE PLY
1/4" PLYWOOD
1/4" X 3/8" (BEVELED)
3" WHEEL
FABRICATE WHEEL PANTS FROM BALSA, FOAM & FIBERGLASS CLOTH W/RESIN, PAPER MACHE OR UTILIZE COMMERCIALLY AVAILABLE UNITS SUCH AS THOSE PRODUCED BY SIG OR WING MANUFACTURING CO.
1/4" SHEET
3/16" PLYWOOD
1/4" SHEET
1/4" X 3/8
1/4" SQ
FUSELAGE CONTOURING TEMPLATE MADE FROM SCRAP BALSA OR PLYWOOD
NOTE, ALL WOOD IS BALSA, UNLESS NOTED OTHERWISE
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DEECEE
A SPORT AEROBATIC DESIGN
DESIGNED BY: RON BOZZONETTI
PLAN NO 1319