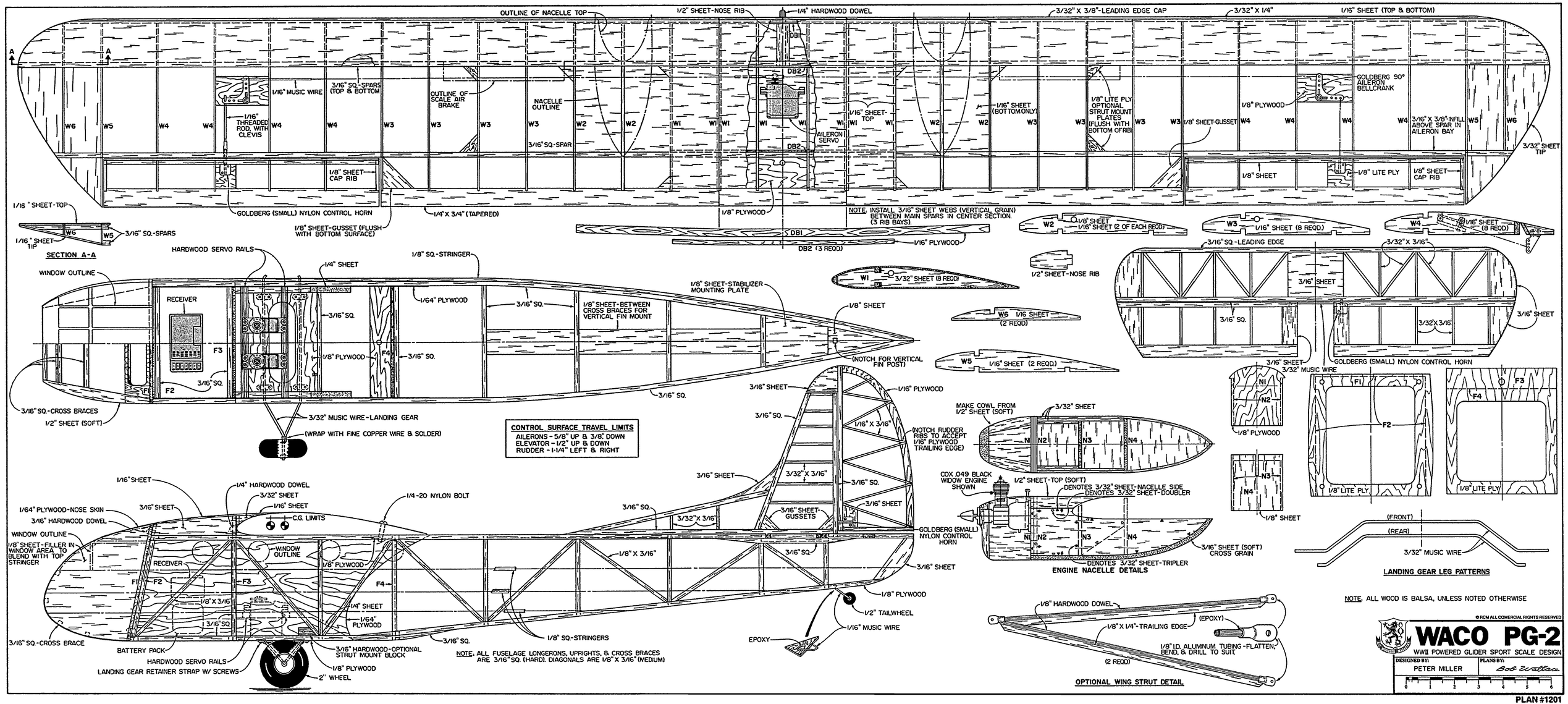
OUTLINE OF NACELLE TOP
1/2" SHEET-NOSE RIB
1/4" HARDWOOD DOWEL
3/32" X 3/8"-LEADING EDGE CAP
3/32" X 1/4"
1/16" SHEET (TOP & BOTTOM)
1/16" MUSIC WIRE
3/16" SQ.-SPARS (TOP & BOTTOM
OUTLINE OF SCALE AIR BRAKE
NACELLE OUTLINE
1/16" SHEET-TOP
1/16" SHEET (BOTTOM ONLY)
1/8" LITE PLY OPTIONAL STRUT MOUNT PLATES (FLUSH WITH BOTTOM OF RIB)
1/8" PLYWOOD
GOLDBERG 90° AILERON BELLCRANK
1/8" SHEET-GUSSET
3/16" X 3/8"-INFILL ABOVE SPAR IN AILERON BAY
1/16" THREADED ROD, WITH CLEVIS
3/16" SQ.-SPAR
AILERON SERVO
3/32" SHEET TIP
1/8" SHEET CAP RIB
1/8" SHEET
1/8" LITE PLY
1/8" SHEET CAP RIB
1/16" SHEET-TOP
GOLDBERG (SMALL) NYLON CONTROL HORN
1/4" X 3/4" (TAPERED)
1/8" SHEET-GUSSET (FLUSH WITH BOTTOM SURFACE)
1/8" PLYWOOD
NOTE, INSTALL 3/16" SHEET WEBS (VERTICAL GRAIN) BETWEEN MAIN SPARS IN CENTER SECTION. (3 RIB BAYS).
1/16" SHEET TIP
3/16" SQ.-SPARS
DB2 (3 REQD)
1/16" PLYWOOD
SECTION A-A
1/8" SHEET
1/8" SHEET (2 OF EACH REQD)
1/16" SHEET (8 REQD.)
1/16" SHEET (8 REQD)
1/2" SHEET-NOSE RIB
3/32" SHEET (8 REQD)
1/16 SHEET (2 REQD)
1/16" SHEET (2 REQD.)
3/16" SQ.-LEADING EDGE
3/32" X 3/16"
3/16" SHEET
3/16" SQ.
3/32" X 3/16"
3/16" SHEET
3/32" MUSIC WIRE
GOLDBERG (SMALL) NYLON CONTROL HORN
HARDWOOD SERVO RAILS
1/4" SHEET
1/8" SQ.-STRINGER
WINDOW OUTLINE
RECEIVER
1/64" PLYWOOD
3/16" SQ.
1/8" SHEET-STABILIZER MOUNTING PLATE
1/8" SHEET-BETWEEN CROSS BRACES FOR VERTICAL FIN MOUNT
1/8" PLYWOOD
(NOTCH FOR VERTICAL FIN POST)
3/16" SQ.-CROSS BRACES
1/2" SHEET (SOFT)
3/32" MUSIC WIRE-LANDING GEAR
(WRAP WITH FINE COPPER WIRE & SOLDER)
CONTROL SURFACE TRAVEL LIMITS
AILERONS - 5/8" UP & 3/8" DOWN
ELEVATOR - 1/2" UP & DOWN
RUDDER - 1-1/4" LEFT & RIGHT
1/16" PLYWOOD
(NOTCH RUDDER RIBS TO ACCEPT 1/16" PLYWOOD TRAILING EDGE)
3/32" X 3/16"
3/16" SHEET-GUSSETS
GOLDBERG (SMALL) NYLON CONTROL HORN
1/8" X 3/16"
1/8" PLYWOOD
1/2" TAILWHEEL
1/16" MUSIC WIRE
EPOXY
1/8" SQ.-STRINGERS
3/16" SQ.-CROSS BRACE
BATTERY PACK
HARDWOOD SERVO RAILS
LANDING GEAR RETAINER STRAP W/ SCREWS
3/16" HARDWOOD-OPTIONAL STRUT MOUNT BLOCK
2" WHEEL
NOTE, ALL FUSELAGE LONGERONS, UPRIGHTS, & CROSS BRACES ARE 3/16" SQ. (HARD). DIAGONALS ARE 1/8" X 3/16" (MEDIUM)
1/16" SHEET
1/4" HARDWOOD DOWEL
3/32" SHEET
1/16" SHEET
C.G. LIMITS
1/64" PLYWOOD-NOSE SKIN
3/16" HARDWOOD DOWEL
WINDOW OUTLINE
1/8" SHEET-FILLER IN WINDOW AREA TO BLEND WITH TOP STRINGER
1/4-20 NYLON BOLT
1/8" X 3/16"
1/4" SHEET
1/64" PLYWOOD
MAKE COWL FROM 1/2" SHEET (SOFT)
3/32" SHEET
COX .049 BLACK WIDOW ENGINE SHOWN
1/2" SHEET-TOP (SOFT)
DENOTES 3/32" SHEET-NACELLE SIDE
DENOTES 3/32" SHEET-DOUBLER
3/16" SHEET (SOFT) CROSS GRAIN
DENOTES 3/32" SHEET-TRIPLER
ENGINE NACELLE DETAILS
1/8" PLYWOOD
1/8" SHEET
1/8" LITE PLY
(FRONT)
(REAR)
3/32" MUSIC WIRE
LANDING GEAR LEG PATTERNS
NOTE, ALL WOOD IS BALSA, UNLESS NOTED OTHERWISE
1/8" HARDWOOD DOWEL
(EPOXY)
1/8" X 1/4"-TRAILING EDGE
1/8" I.D. ALUMINUM TUBING - FLATTEN, BEND, & DRILL TO SUIT.
(2 REQD)
OPTIONAL WING STRUT DETAIL
© RCM ALL COMERCIAL RIGHTS RESERVED
WACO PG-2
WWII POWERED GLIDER SPORT SCALE DESIGN
DESIGNED BY: PETER MILLER
PLANS BY: Bob Wallace
PLAN #1201