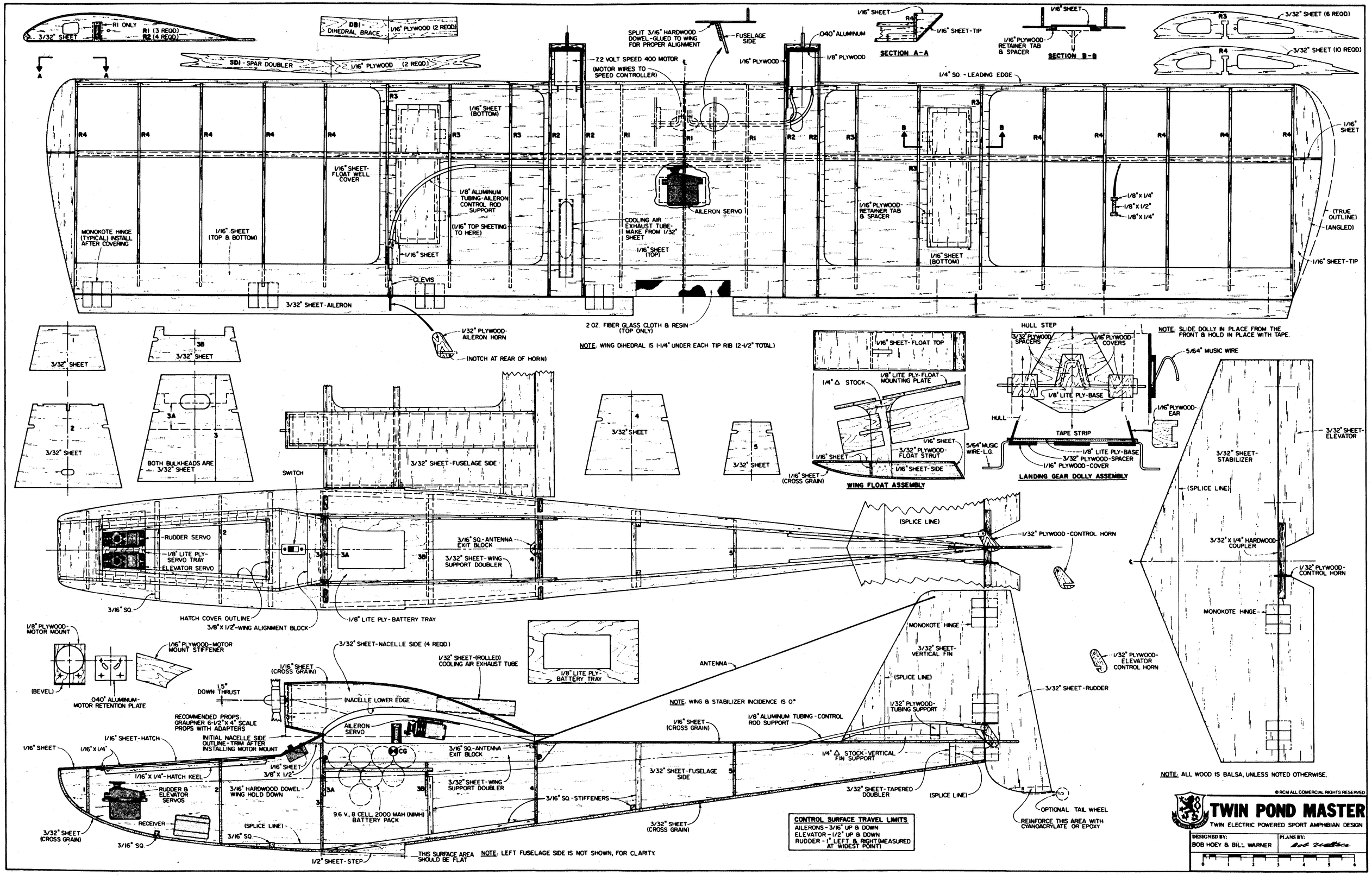
R1 ONLY
R1 (3 REQD)
R2 (4 REQD)
3/32" SHEET
DB1 - DIHEDRAL BRACE
1/16" PLYWOOD (2 REQD)
SD1 - SPAR DOUBLER
1/16" PLYWOOD (2 REQD)
SPLIT 3/16" HARDWOOD DOWEL - GLUED TO WING FOR PROPER ALIGNMENT
FUSELAGE SIDE
.040" ALUMINUM
1/16" SHEET
R4
1/16" SHEET-TIP
SECTION A-A
1/16" SHEET
1/16" PLYWOOD-RETAINER TAB & SPACER
SECTION B-B
R3
3/32" SHEET (6 REQD)
R4
3/32" SHEET (10 REQD)
7.2 VOLT SPEED 400 MOTOR
(MOTOR WIRES TO SPEED CONTROLLER)
1/16" PLYWOOD
1/8" PLYWOOD
1/4" SQ. - LEADING EDGE
1/16" SHEET (BOTTOM)
1/16" SHEET-FLOAT WELL COVER
1/8" ALUMINUM TUBING-AILERON CONTROL ROD SUPPORT
(1/16" TOP SHEETING TO HERE)
COOLING AIR EXHAUST TUBE-MAKE FROM 1/32" SHEET
1/16" SHEET (TOP)
AILERON SERVO
1/16" PLYWOOD-RETAINER TAB & SPACER
1/16" SHEET (BOTTOM)
1/8" x 1/4"
1/8" x 1/2"
1/8" x 1/4"
(TRUE OUTLINE)
(ANGLED)
1/16" SHEET-TIP
MONOKOTE HINGE (TYPICAL) INSTALL AFTER COVERING
1/16" SHEET (TOP & BOTTOM)
1/16" SHEET
CLEVIS
3/32" SHEET-AILERON
1/32" PLYWOOD-AILERON HORN
(NOTCH AT REAR OF HORN)
2 OZ. FIBER GLASS CLOTH & RESIN (TOP ONLY)
NOTE: WING DIHEDRAL IS 1-1/4" UNDER EACH TIP RIB (2-1/2" TOTAL)
3/32" SHEET
3B
3/32" SHEET
3/32" SHEET
3A
3
BOTH BULKHEADS ARE 3/32" SHEET
3/32" SHEET-FUSELAGE SIDE
4
3/32" SHEET
5
3/32" SHEET
1/16" SHEET-FLOAT TOP
1/4" △ STOCK
1/8" LITE PLY-FLOAT MOUNTING PLATE
1/16" SHEET
3/32" PLYWOOD-FLOAT STRUT
1/16" SHEET
1/16" SHEET-SIDE
1/16" SHEET (CROSS GRAIN)
WING FLOAT ASSEMBLY
HULL STEP
3/32" PLYWOOD SPACERS
1/16 PLYWOOD-COVERS
1/8" LITE PLY-BASE
HULL
TAPE STRIP
5/64" MUSIC WIRE-L.G.
1/8" LITE PLY-BASE
3/32" PLYWOOD-SPACER
1/16" PLYWOOD-COVER
LANDING GEAR DOLLY ASSEMBLY
NOTE: SLIDE DOLLY IN PLACE FROM THE FRONT & HOLD IN PLACE WITH TAPE.
5/64" MUSIC WIRE
1/16" PLYWOOD-EAR
3/32" SHEET-ELEVATOR
3/32" SHEET-STABILIZER
(SPLICE LINE)
3/32" x 1/4" HARDWOOD COUPLER
1/32" PLYWOOD-CONTROL HORN
MONOKOTE HINGE
SWITCH
RUDDER SERVO
1/8" LITE PLY-SERVO TRAY
ELEVATOR SERVO
3/16" SQ.-ANTENNA EXIT BLOCK
3/32" SHEET-WING SUPPORT DOUBLER
3/16" SQ.
HATCH COVER OUTLINE
3/8" x 1/2"-WING ALIGNMENT BLOCK
1/8" LITE PLY-BATTERY TRAY
(SPLICE LINE)
1/32" PLYWOOD-CONTROL HORN
1/8" PLYWOOD-MOTOR MOUNT
1/16" PLYWOOD-MOTOR MOUNT STIFFENER
(BEVEL)
.040" ALUMINUM-MOTOR RETENTION PLATE
3/32" SHEET-NACELLE SIDE (4 REQD.)
1/16" SHEET (CROSS GRAIN)
1.5° DOWN THRUST
1/32" SHEET-(ROLLED) COOLING AIR EXHAUST TUBE
(NACELLE LOWER EDGE
RECOMMENDED PROPS, GRAUPNER 6-1/2" x 4" SCALE PROPS WITH ADAPTERS
INITIAL NACELLE SIDE OUTLINE-TRIM AFTER INSTALLING MOTOR MOUNT
AILERON SERVO
CG
1/8" LITE PLY-BATTERY TRAY
ANTENNA
NOTE: WING & STABILIZER INCIDENCE IS 0°
1/16" SHEET-HATCH
1/16" SHEET
1/16" x 1/4"
1/16" x 1/4"-HATCH KEEL
1/16" SHEET
3/8" x 1/2"
RUDDER & ELEVATOR SERVOS
RECEIVER
3/32" SHEET (CROSS GRAIN)
3/16" SQ.
3/16" HARDWOOD DOWEL-WING HOLD DOWN
(SPLICE LINE)
3/16" SQ.
9.6 V., 8 CELL, 2000 MAH (NIMH) BATTERY PACK
3/16" SQ.-ANTENNA EXIT BLOCK
3/32" SHEET-WING SUPPORT DOUBLER
3/16" SQ.-STIFFENERS
1/2" SHEET-STEP
THIS SURFACE AREA SHOULD BE FLAT
NOTE: LEFT FUSELAGE SIDE IS NOT SHOWN, FOR CLARITY.
3/32" SHEET-FUSELAGE SIDE
3/32" SHEET (CROSS GRAIN)
1/16" SHEET (CROSS GRAIN)
1/8" ALUMINUM TUBING-CONTROL ROD SUPPORT
1/4" △ STOCK-VERTICAL FIN SUPPORT
3/32" SHEET-TAPERED DOUBLER
MONOKOTE HINGE
3/32" SHEET-VERTICAL FIN
(SPLICE LINE)
1/32" PLYWOOD-TUBING SUPPORT
(SPLICE LINE)
OPTIONAL TAIL WHEEL
REINFORCE THIS AREA WITH CYANOACRYLATE OR EPOXY
1/32" PLYWOOD-ELEVATOR CONTROL HORN
3/32" SHEET-RUDDER
CONTROL SURFACE TRAVEL LIMITS
AILERONS - 3/16" UP & DOWN
ELEVATOR - 1/2" UP & DOWN
RUDDER - 1" LEFT & RIGHT (MEASURED AT WIDEST POINT)
NOTE: ALL WOOD IS BALSA, UNLESS NOTED OTHERWISE.
© RCM ALL COMERCIAL RIGHTS RESERVED
TWIN POND MASTER
TWIN ELECTRIC POWERED SPORT AMPHIBIAN DESIGN
DESIGNED BY:
BOB HOEY & BILL WARNER
PLANS BY:
0 1 2 3 4 5 6