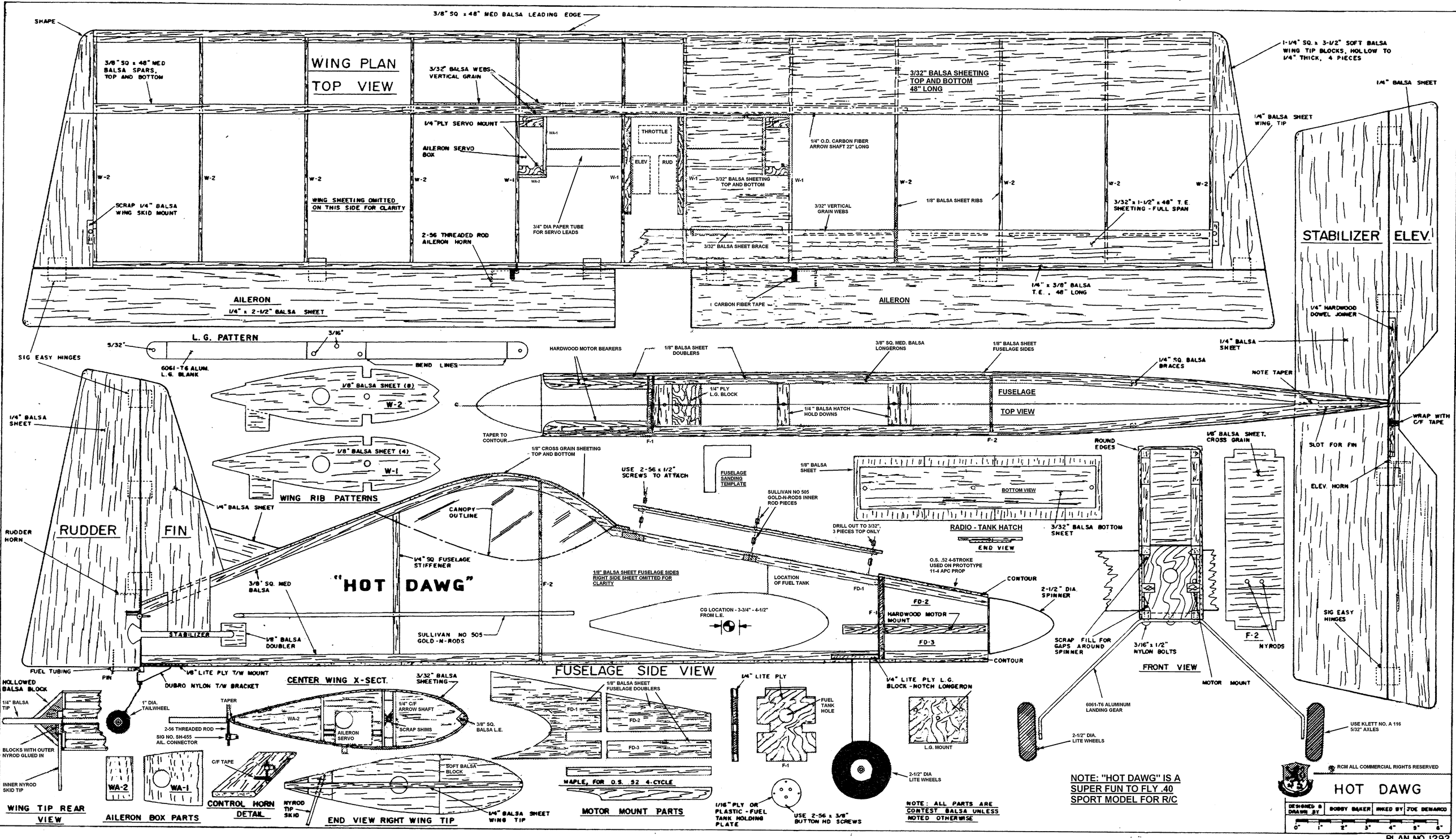
WING PLAN
TOP VIEW
SHAPE
3/8" SQ x 48" MED BALSA LEADING EDGE
3/8" SQ x 48" MED BALSA SPARS, TOP AND BOTTOM
3/32" BALSA WEBS VERTICAL GRAIN
1/4" PLY SERVO MOUNT
AILERON SERVO BOX
THROTTLE
ELEV
RUD
3/32" BALSA SHEETING TOP AND BOTTOM 48" LONG
1-1/4" SQ. x 3-1/2" SOFT BALSA WING TIP BLOCKS, HOLLOW TO 1/4" THICK, 4 PIECES
1/4" BALSA SHEET
1/4" BALSA SHEET WING TIP
1/4" O.D. CARBON FIBER ARROW SHAFT 22" LONG
3/32" BALSA SHEETING TOP AND BOTTOM
3/32" VERTICAL GRAIN WEBS
1/8" BALSA SHEET RIBS
3/32" x 1-1/2" x 48" T.E. SHEETING - FULL SPAN
SCRAP 1/4" BALSA WING SKID MOUNT
WING SHEETING OMITTED ON THIS SIDE FOR CLARITY
2-56 THREADED ROD AILERON HORN
3/4" DIA PAPER TUBE FOR SERVO LEADS
3/32" BALSA SHEET BRACE
1/4" x 3/8" BALSA T.E., 48" LONG
1 CARBON FIBER TAPE
AILERON
1/4" x 2-1/2" BALSA SHEET
STABILIZER
ELEV.
1/4" HARDWOOD DOWEL JOINER
1/4" BALSA SHEET
NOTE TAPER
WRAP WITH C/F TAPE
SLOT FOR FIN
ELEV. HORN
SIG EASY HINGES
L. G. PATTERN
5/32"
3/16"
6061-T6 ALUM. L.G. BLANK
BEND LINES
SIG EASY HINGES
1/8" BALSA SHEET (8)
W-2
1/8" BALSA SHEET (4)
W-1
WING RIB PATTERNS
1/4" BALSA SHEET
RUDDER
FIN
RUDDER HORN
HARDWOOD MOTOR BEARERS
1/8" BALSA SHEET DOUBLERS
3/8" SQ. MED. BALSA LONGERONS
1/8" BALSA SHEET FUSELAGE SIDES
1/4" SQ. BALSA BRACES
1/4" PLY L.G. BLOCK
1/4" BALSA HATCH HOLD DOWNS
FUSELAGE
TOP VIEW
TAPER TO CONTOUR
F-1
F-2
1/8" CROSS GRAIN SHEETING TOP AND BOTTOM
USE 2-56 x 1/2" SCREWS TO ATTACH
FUSELAGE SANDING TEMPLATE
SULLIVAN NO 505 GOLD-N-RODS INNER ROD PIECES
1/8" BALSA SHEET
BOTTOM VIEW
RADIO - TANK HATCH
END VIEW
3/32" BALSA BOTTOM SHEET
DRILL OUT TO 3/32", 3 PIECES TOP ONLY
ROUND EDGES
1/8" BALSA SHEET, CROSS GRAIN
CANOPY OUTLINE
1/4" SQ FUSELAGE STIFFENER
"HOT DAWG"
3/8" SQ. MED BALSA
1/8" BALSA SHEET FUSELAGE SIDES RIGHT SIDE SHEET OMITTED FOR CLARITY
LOCATION OF FUEL TANK
O.S. .52 4-STROKE USED ON PROTOTYPE 11-4 APC PROP
CONTOUR
2-1/2" DIA. SPINNER
CG LOCATION - 3-3/4" - 4-1/2" FROM L.E.
FD-1
FD-2
FD-3
HARDWOOD MOTOR MOUNT
SULLIVAN NO 505 GOLD-N-RODS
1/8" BALSA DOUBLER
STABILIZER
SCRAP FILL FOR GAPS AROUND SPINNER
3/16" x 1/2" NYLON BOLTS
FRONT VIEW
MOTOR MOUNT
NYRODS
FUEL TUBING
PIN
1/8" LITE PLY T/W MOUNT
DUBRO NYLON T/W BRACKET
CENTER WING X-SECT.
3/32" BALSA SHEETING
1/4" C/F ARROW SHAFT
SCRAP SHIMS
3/8" SQ. BALSA L.E.
WA-2
AILERON SERVO
1" DIA. TAILWHEEL
TAPER
2-56 THREADED ROD
SIG NO. SH-655 AIL. CONNECTOR
FUSELAGE SIDE VIEW
1/8" BALSA SHEET FUSELAGE DOUBLERS
FD-1
FD-2
FD-3
1/4" LITE PLY
FUEL TANK HOLE
F-1
1/4" LITE PLY L.G. BLOCK - NOTCH LONGERON
L.G. MOUNT
6061-T6 ALUMINUM LANDING GEAR
2-1/2" DIA. LITE WHEELS
USE KLETT NO. A 116 5/32" AXLES
2-1/2" DIA LITE WHEELS
HOLLOWED BALSA BLOCK
1/4" BALSA TIP
BLOCKS WITH OUTER NYROD GLUED IN
INNER NYROD SKID TIP
WA-2
WA-1
WING TIP REAR VIEW
AILERON BOX PARTS
C/F TAPE
CONTROL HORN DETAIL
SOFT BALSA BLOCK
NYROD TIP SKID
END VIEW RIGHT WING TIP
1/4" BALSA SHEET WING TIP
MAPLE, FOR O.S. .52 4-CYCLE
MOTOR MOUNT PARTS
1/16" PLY OR PLASTIC - FUEL TANK HOLDING PLATE
USE 2-56 x 3/8" BUTTON HD SCREWS
NOTE: ALL PARTS ARE CONTEST BALSA UNLESS NOTED OTHERWISE
NOTE: "HOT DAWG" IS A SUPER FUN TO FLY .40 SPORT MODEL FOR R/C
RCM ALL COMMERCIAL RIGHTS RESERVED
HOT DAWG
DESIGNED & DRAWN BY
BOBBY BAKER
INKED BY JOE DEMARCO
0" 1" 2" 3" 4" 5" 6"
PLAN NO 1292