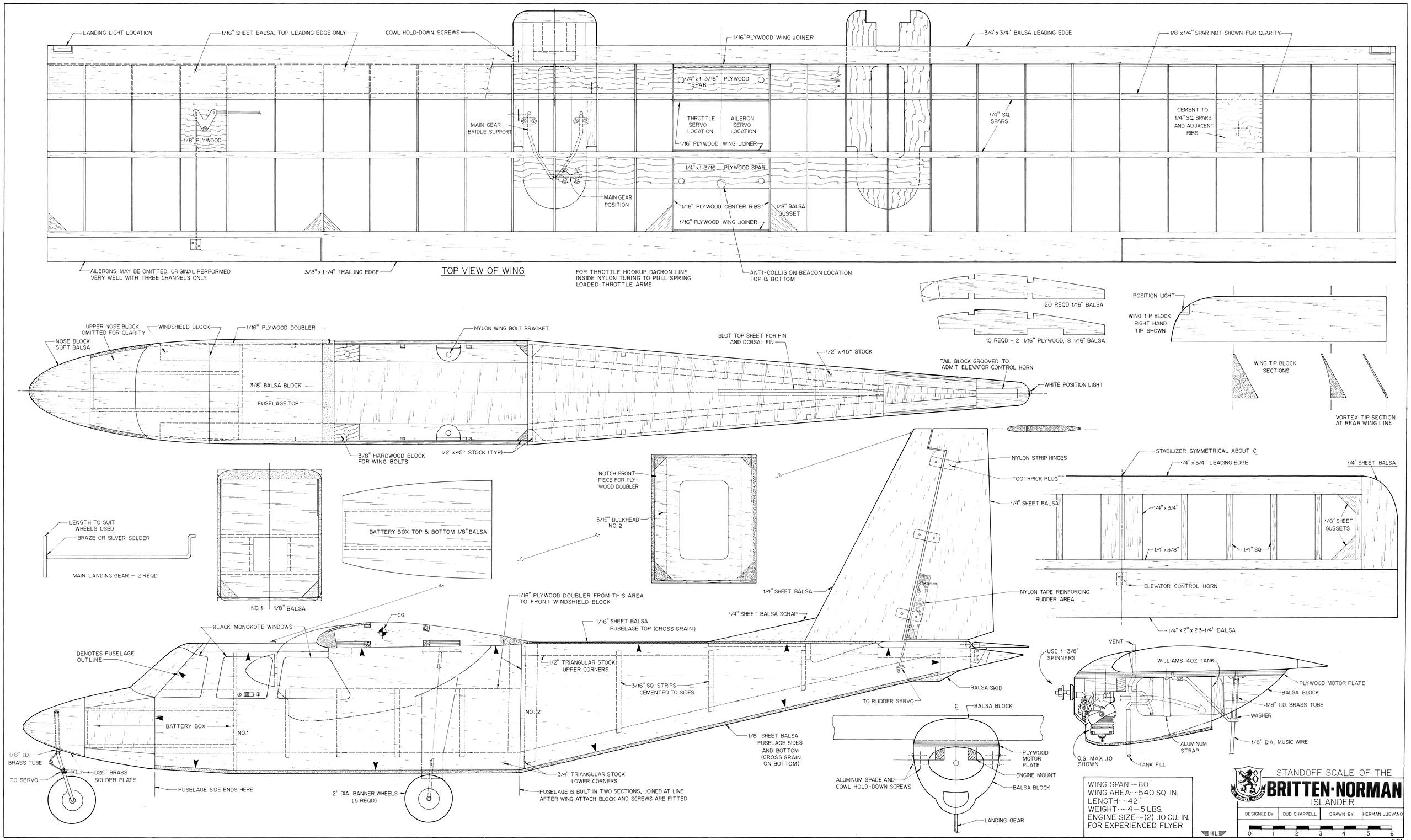
LANDING LIGHT LOCATION
1/16" SHEET BALSA, TOP LEADING EDGE ONLY.
COWL HOLD-DOWN SCREWS
1/16" PLYWOOD WING JOINER
3/4" x 3/4" BALSA LEADING EDGE
1/8" x 1/4" SPAR NOT SHOWN FOR CLARITY.
1/4" x 1-3/16" PLYWOOD SPAR
THROTTLE SERVO LOCATION
AILERON SERVO LOCATION
1/16" PLYWOOD WING JOINER
1/4" SQ. SPARS
CEMENT TO 1/4" SQ. SPARS AND ADJACENT RIBS
MAIN GEAR BRIDLE SUPPORT
1/8" PLYWOOD
1/4" x 1-3/16 PLYWOOD SPAR
MAIN GEAR POSITION
1/16" PLYWOOD CENTER RIBS
1/8" BALSA GUSSET
1/16" PLYWOOD WING JOINER
AILERONS MAY BE OMITTED. ORIGINAL PERFORMED VERY WELL WITH THREE CHANNELS ONLY.
3/8" x 1-1/4" TRAILING EDGE
TOP VIEW OF WING
FOR THROTTLE HOOKUP DACRON LINE INSIDE NYLON TUBING TO PULL SPRING LOADED THROTTLE ARMS
ANTI-COLLISION BEACON LOCATION TOP & BOTTOM
20 REQD 1/16" BALSA
10 REQD - 2 1/16" PLYWOOD, 8 1/16" BALSA
POSITION LIGHT
WING TIP BLOCK RIGHT HAND TIP SHOWN
WING TIP BLOCK SECTIONS
VORTEX TIP SECTION AT REAR WING LINE
UPPER NOSE BLOCK OMITTED FOR CLARITY
WINDSHIELD BLOCK
1/16" PLYWOOD DOUBLER
NYLON WING BOLT BRACKET
NOSE BLOCK SOFT BALSA
SLOT TOP SHEET FOR FIN AND DORSAL FIN
1/2" x 45° STOCK
TAIL BLOCK GROOVED TO ADMIT ELEVATOR CONTROL HORN
WHITE POSITION LIGHT
3/8" BALSA BLOCK
FUSELAGE TOP
3/8" HARDWOOD BLOCK FOR WING BOLTS
1/2" x 45° STOCK (TYP)
NYLON STRIP HINGES
TOOTHPICK PLUG
1/4" SHEET BALSA
STABILIZER SYMMETRICAL ABOUT ℄
1/4" x 3/4" LEADING EDGE
1/4" SHEET BALSA
1/4" x 3/4"
1/8" SHEET GUSSETS
1/4" x 3/8"
1/4" SQ.
ELEVATOR CONTROL HORN
1/4" x 2" x 23-1/4" BALSA
NOTCH FRONT PIECE FOR PLYWOOD DOUBLER
3/16" BULKHEAD NO. 2
LENGTH TO SUIT WHEELS USED
BRAZE OR SILVER SOLDER
MAIN LANDING GEAR - 2 REQD
BATTERY BOX TOP & BOTTOM 1/8" BALSA
NO. 1 1/8" BALSA
1/4" SHEET BALSA
NYLON TAPE REINFORCING RUDDER AREA
1/16" PLYWOOD DOUBLER FROM THIS AREA TO FRONT WINDSHIELD BLOCK
1/4" SHEET BALSA SCRAP
CG
BLACK MONOKOTE WINDOWS
1/16" SHEET BALSA FUSELAGE TOP (CROSS GRAIN)
DENOTES FUSELAGE OUTLINE
1/2" TRIANGULAR STOCK UPPER CORNERS
3/16" SQ. STRIPS CEMENTED TO SIDES
BALSA SKID
TO RUDDER SERVO
BATTERY BOX
NO. 1
NO. 2
1/8" SHEET BALSA FUSELAGE SIDES AND BOTTOM (CROSS GRAIN ON BOTTOM)
1/8" I.D. BRASS TUBE
TO SERVO
.025" BRASS SOLDER PLATE
FUSELAGE SIDE ENDS HERE
2" DIA. BANNER WHEELS (5 REQD)
3/4" TRIANGULAR STOCK LOWER CORNERS
FUSELAGE IS BUILT IN TWO SECTIONS, JOINED AT LINE AFTER WING ATTACH BLOCK AND SCREWS ARE FITTED
BALSA BLOCK
PLYWOOD MOTOR PLATE
ENGINE MOUNT
BALSA BLOCK
ALUMINUM SPADE AND COWL HOLD-DOWN SCREWS
LANDING GEAR
USE 1-3/8" SPINNERS
VENT
WILLIAMS 40Z TANK
PLYWOOD MOTOR PLATE
BALSA BLOCK
1/8" I.D. BRASS TUBE
WASHER
1/8" DIA. MUSIC WIRE
ALUMINUM STRAP
O.S. MAX .10 SHOWN
TANK FILL
WING SPAN·····60"
WING AREA·····540 SQ. IN.
LENGTH·····42"
WEIGHT·····4-5 LBS.
ENGINE SIZE····(2) .10 CU. IN.
FOR EXPERIENCED FLYER
STANDOFF SCALE OF THE
BRITTEN-NORMAN
ISLANDER
DESIGNED BY
BUD CHAPPELL
DRAWN BY
HERMAN LUEVANO
0 1 2 3 4 5 6