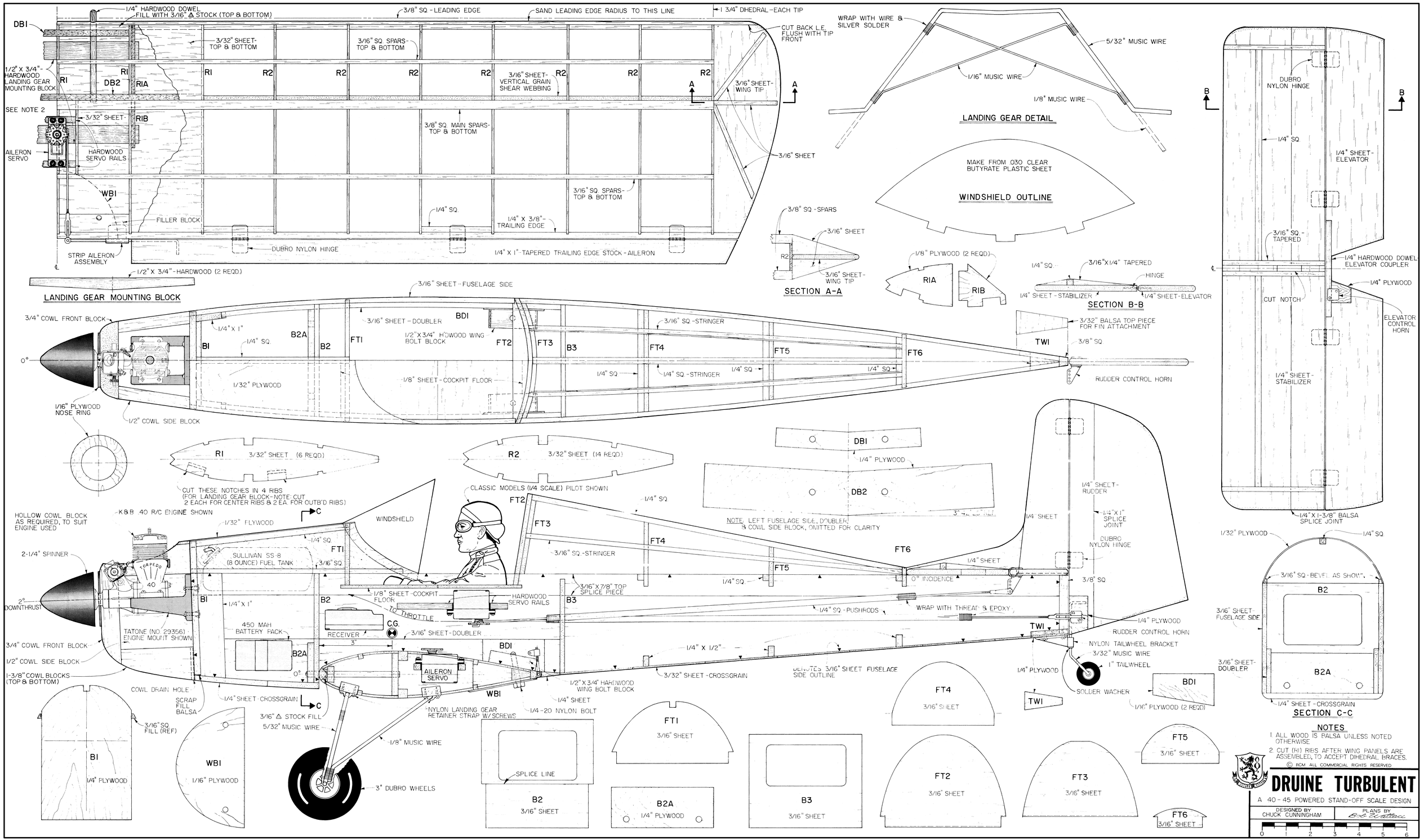
1/4" HARDWOOD DOWEL FILL WITH 3/16" Δ STOCK (TOP & BOTTOM)
3/8" SQ - LEADING EDGE
SAND LEADING EDGE RADIUS TO THIS LINE
1 3/4" DIHEDRAL - EACH TIP
DB1
3/32" SHEET - TOP & BOTTOM
3/16" SQ SPARS - TOP & BOTTOM
CUT BACK L.E. FLUSH WITH TIP FRONT
1/2" X 3/4" - HARDWOOD LANDING GEAR MOUNTING BLOCK
R1
DB2
R1A
R2
3/16" SHEET - VERTICAL GRAIN SHEAR WEBBING
3/16" SHEET - WING TIP
A
SEE NOTE 2
3/32" SHEET
R1B
3/8" SQ. MAIN SPARS - TOP & BOTTOM
AILERON SERVO
HARDWOOD SERVO RAILS
3/16" SHEET
WB1
3/16" SQ SPARS - TOP & BOTTOM
1/4" SQ.
FILLER BLOCK
1/4" X 3/8" - TRAILING EDGE
STRIP AILERON ASSEMBLY
DUBRO NYLON HINGE
1/4" X 1" - TAPERED TRAILING EDGE STOCK - AILERON
1/2" X 3/4" - HARDWOOD (2 REQD.)
LANDING GEAR MOUNTING BLOCK
WRAP WITH WIRE & SILVER SOLDER
5/32" MUSIC WIRE
1/16" MUSIC WIRE
1/8" MUSIC WIRE
LANDING GEAR DETAIL
MAKE FROM .030 CLEAR BUTYRATE PLASTIC SHEET
WINDSHIELD OUTLINE
3/8" SQ - SPARS
3/16" SHEET
R2
3/16" SHEET - WING TIP
SECTION A-A
1/8" PLYWOOD (2 REQD.)
R1A
R1B
1/4" SQ.
3/16" X 1/4" TAPERED
HINGE
1/4" SHEET - STABILIZER
1/4" SHEET - ELEVATOR
SECTION B-B
B
DUBRO NYLON HINGE
1/4" SQ.
1/4" SHEET - ELEVATOR
3/16" SQ. - TAPERED
1/4" HARDWOOD DOWEL ELEVATOR COUPLER
1/4" PLYWOOD
CUT NOTCH
ELEVATOR CONTROL HORN
1/4" SHEET - STABILIZER
1/4" X 1-3/8" BALSA SPLICE JOINT
3/16" SHEET - FUSELAGE SIDE
3/4" COWL FRONT BLOCK
1/4" X 1"
3/16" SHEET - DOUBLER
BD1
3/16" SQ - STRINGER
B1
1/4" SQ.
B2A
B2
FT1
1/2" X 3/4" HARDWOOD WING BOLT BLOCK
FT2
FT3
B3
FT4
FT5
FT6
3/32" BALSA TOP PIECE FOR FIN ATTACHMENT
TW1
3/8" SQ
0°
1/32" PLYWOOD
1/8" SHEET - COCKPIT FLOOR
1/4" SQ
1/4" SQ - STRINGER
RUDDER CONTROL HORN
1/16" PLYWOOD NOSE RING
1/2" COWL SIDE BLOCK
R1
3/32" SHEET (6 REQD)
R2
3/32" SHEET (14 REQD)
DB1
1/4" PLYWOOD
DB2
CUT THESE NOTCHES IN 4 RIBS (FOR LANDING GEAR BLOCK - NOTE: CUT 2 EACH FOR CENTER RIBS & 2 EA. FOR OUTB'D RIBS)
CLASSIC MODELS (1/4 SCALE) PILOT SHOWN
NOTE: LEFT FUSELAGE SIDE, DOUBLER, & COWL SIDE BLOCK, OMITTED FOR CLARITY
1/4" SHEET - RUDDER
HOLLOW COWL BLOCK AS REQUIRED, TO SUIT ENGINE USED
K&B .40 R/C ENGINE SHOWN
C
1/32" PLYWOOD
WINDSHIELD
FT2
1/4" SQ
FT3
1/4" SHEET
1/4" X 1" SPLICE JOINT
DUBRO NYLON HINGE
2-1/4" SPINNER
1/4" SQ
SULLIVAN SS-8 (8 OUNCE) FUEL TANK
3/16" SQ
FT1
3/16" SQ - STRINGER
FT4
FT6
1/4" SHEET
FT5
0° INCIDENCE
3/8" SQ
2° DOWNTHRUST
BI
1/4" X 1"
B2
1/8" SHEET - COCKPIT FLOOR
HARDWOOD SERVO RAILS
3/16" X 7/8" TOP SPLICE PIECE
B3
TO THROTTLE
1/4" SQ - PUSHRODS
WRAP WITH THREAD & EPOXY
TATONE (NO. 29356) ENGINE MOUNT SHOWN
450 MAH BATTERY PACK
RECEIVER
C.G.
3"
3/16" SHEET - DOUBLER
TW1
1/4" PLYWOOD
RUDDER CONTROL HORN
NYLON TAILWHEEL BRACKET
3/32" MUSIC WIRE
1" TAILWHEEL
3/4" COWL FRONT BLOCK
1/2" COWL SIDE BLOCK
1-3/8" COWL BLOCKS (TOP & BOTTOM)
B2A
BD1
1/4" X 1/2"
AILERON SERVO
DENOTES 3/16" SHEET FUSELAGE SIDE OUTLINE
1/4" PLYWOOD
SOLDER WASHER
COWL DRAIN HOLE
SCRAP FILL BALSA
1/4" SHEET - CROSSGRAIN
WB1
1/2" X 3/4" HARDWOOD WING BOLT BLOCK
3/32" SHEET - CROSSGRAIN
1/4" SHEET
1/4-20 NYLON BOLT
NYLON LANDING GEAR RETAINER STRAP W/SCREWS
3/16" Δ STOCK FILL
5/32" MUSIC WIRE
3/16" SQ FILL (REF)
1/8" MUSIC WIRE
3" DUBRO WHEELS
TW1
1/16" PLYWOOD (2 REQD)
BD1
1/32" PLYWOOD
1/4" SQ
3/16" SQ - BEVEL AS SHOWN
B2
3/16" SHEET - FUSELAGE SIDE
3/16" SHEET - DOUBLER
B2A
1/4" SHEET - CROSSGRAIN
SECTION C-C
B1
1/4" PLYWOOD
WB1
1/16" PLYWOOD
SPLICE LINE
B2
3/16" SHEET
FT1
3/16" SHEET
B2A
1/4" PLYWOOD
B3
3/16" SHEET
FT4
3/16" SHEET
FT2
3/16" SHEET
FT3
3/16" SHEET
FT5
3/16" SHEET
FT6
3/16" SHEET
NOTES
1. ALL WOOD IS BALSA UNLESS NOTED OTHERWISE
2. CUT (R1) RIBS AFTER WING PANELS ARE ASSEMBLED, TO ACCEPT DIHEDRAL BRACES.
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DRUINE TURBULENT
A 40 - 45 POWERED STAND-OFF SCALE DESIGN
DESIGNED BY CHUCK CUNNINGHAM
PLANS BY
0 1 2 3 4 5 6
PLAN NO. 872