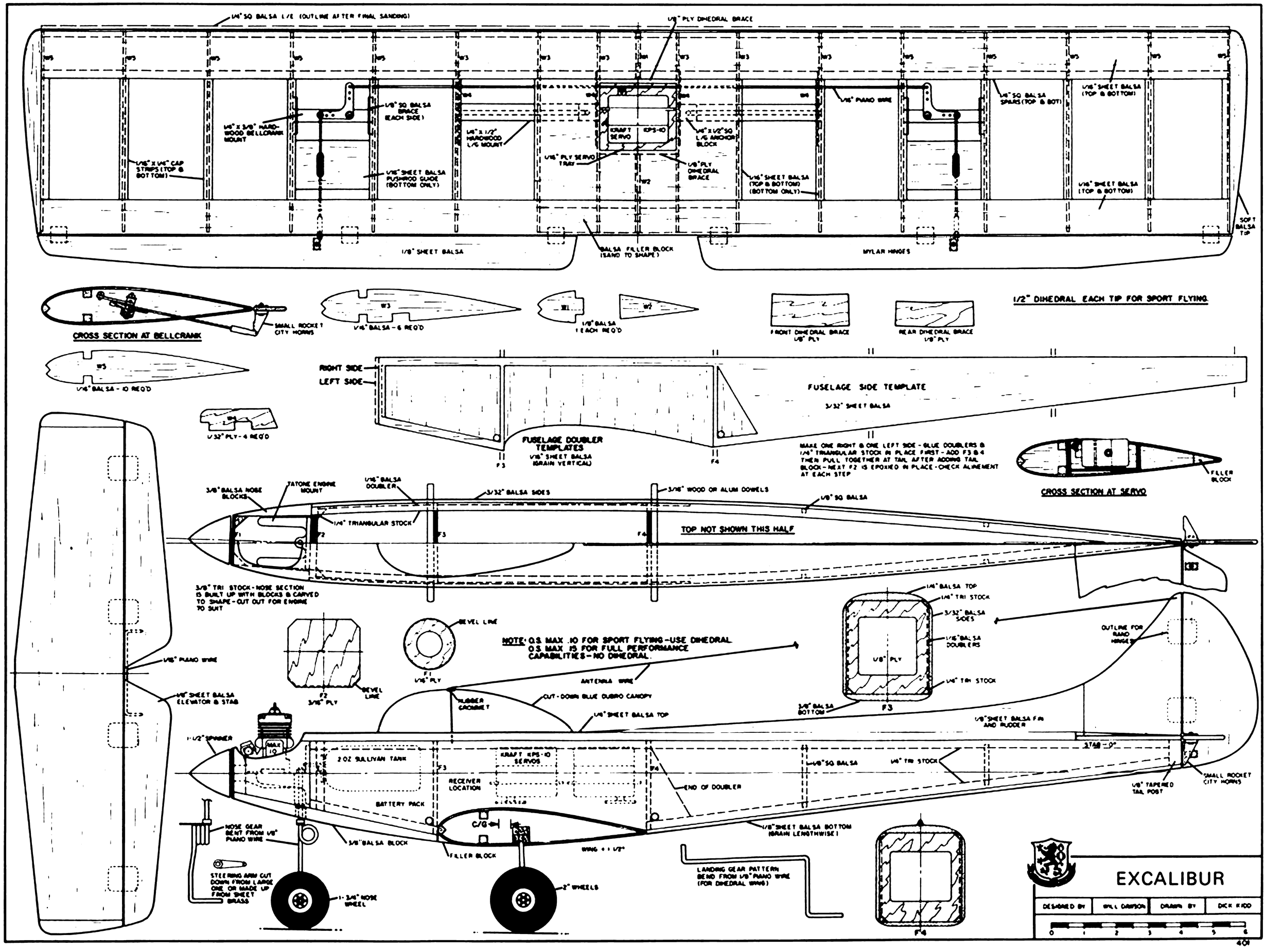
1/4" SQ BALSA L/E (OUTLINE AFTER FINAL SANDING)
1/8" PLY DIHEDRAL BRACE
1/8" SQ BALSA BRACE (EACH SIDE)
1/4" X 3/8" HARDWOOD BELLCRANK MOUNT
1/4" X 1/2" HARDWOOD L/G MOUNT
KRAFT SERVO
KPS-10
1/4" X 1/2" SQ L/G ANCHOR BLOCK
1/16" PIANO WIRE
1/4" SQ BALSA SPARS (TOP & BOT)
1/16" SHEET BALSA (TOP & BOTTOM)
1/16" X 1/4" CAP STRIPS (TOP & BOTTOM)
1/16" SHEET BALSA PUSHROD GUIDE (BOTTOM ONLY)
1/16" PLY SERVO TRAY
1/8" PLY DIHEDRAL BRACE
1/16" SHEET BALSA (TOP & BOTTOM) (BOTTOM ONLY)
1/16" SHEET BALSA (TOP & BOTTOM)
SOFT BALSA TIP
1/8" SHEET BALSA
BALSA FILLER BLOCK (SAND TO SHAPE)
MYLAR HINGES
CROSS SECTION AT BELLCRANK
SMALL ROCKET CITY HORNS
1/16" BALSA - 6 REQ'D
1/8" BALSA 1 EACH REQ'D
FRONT DIHEDRAL BRACE 1/8" PLY
REAR DIHEDRAL BRACE 1/8" PLY
1/2" DIHEDRAL EACH TIP FOR SPORT FLYING
1/16" BALSA - 10 REQ'D
RIGHT SIDE
LEFT SIDE
FUSELAGE SIDE TEMPLATE
3/32" SHEET BALSA
1/32" PLY - 4 REQ'D
FUSELAGE DOUBLER TEMPLATES
1/16" SHEET BALSA (GRAIN VERTICAL)
MAKE ONE RIGHT & ONE LEFT SIDE - GLUE DOUBLERS & 1/4" TRIANGULAR STOCK IN PLACE FIRST - ADD F3 & 4 THEN PULL TOGETHER AT TAIL AFTER ADDING TAIL BLOCK - NEXT F2 IS EPOXIED IN PLACE - CHECK ALINEMENT AT EACH STEP
FILLER BLOCK
CROSS SECTION AT SERVO
3/8" BALSA NOSE BLOCKS
TATONE ENGINE MOUNT
1/16" BALSA DOUBLER
3/32" BALSA SIDES
3/16" WOOD OR ALUM DOWELS
1/8" SQ BALSA
1/4" TRIANGULAR STOCK
TOP NOT SHOWN THIS HALF
3/8" TRI STOCK - NOSE SECTION IS BUILT UP WITH BLOCKS & CARVED TO SHAPE - CUT OUT FOR ENGINE TO SUIT
1/4" BALSA TOP
1/4" TRI STOCK
3/32" BALSA SIDES
1/16" BALSA DOUBLERS
1/8" PLY
1/4" TRI STOCK
3/8" BALSA BOTTOM
F3
OUTLINE FOR PIANO HINGES
BEVEL LINE
NOTE: O.S. MAX .10 FOR SPORT FLYING - USE DIHEDRAL
O.S. MAX .15 FOR FULL PERFORMANCE CAPABILITIES - NO DIHEDRAL.
F1 1/16" PLY
F2 3/16" PLY
BEVEL LINE
1/16" PIANO WIRE
1/16" SHEET BALSA ELEVATOR & STAB
ANTENNA WIRE
RUBBER GROMMET
CUT-DOWN BLUE DUBRO CANOPY
1/4" SHEET BALSA TOP
1/8" SHEET BALSA FIN AND RUDDER
1-1/2" SPINNER
MAX .10
2 OZ SULLIVAN TANK
KRAFT KPS-10 SERVOS
RECEIVER LOCATION
BATTERY PACK
F3
F4
1/8" SQ BALSA
1/4" TRI STOCK
STAB - 0°
END OF DOUBLER
1/8" TAPERED TAIL POST
SMALL ROCKET CITY HORNS
NOSE GEAR BENT FROM 1/8" PIANO WIRE
3/8" BALSA BLOCK
C/G
FILLER BLOCK
WING + 1 1/2°
1/8" SHEET BALSA BOTTOM (GRAIN LENGTHWISE)
STEERING ARM CUT DOWN FROM LARGE ONE OR MADE UP FROM SHEET BRASS
1-3/4" NOSE WHEEL
2" WHEELS
LANDING GEAR PATTERN BEND FROM 1/8" PIANO WIRE (FOR DIHEDRAL WING)
F4
EXCALIBUR
DESIGNED BY
BILL DAWSON
DRAWN BY
DICK KOD
0 1 2 3 4 5 6
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