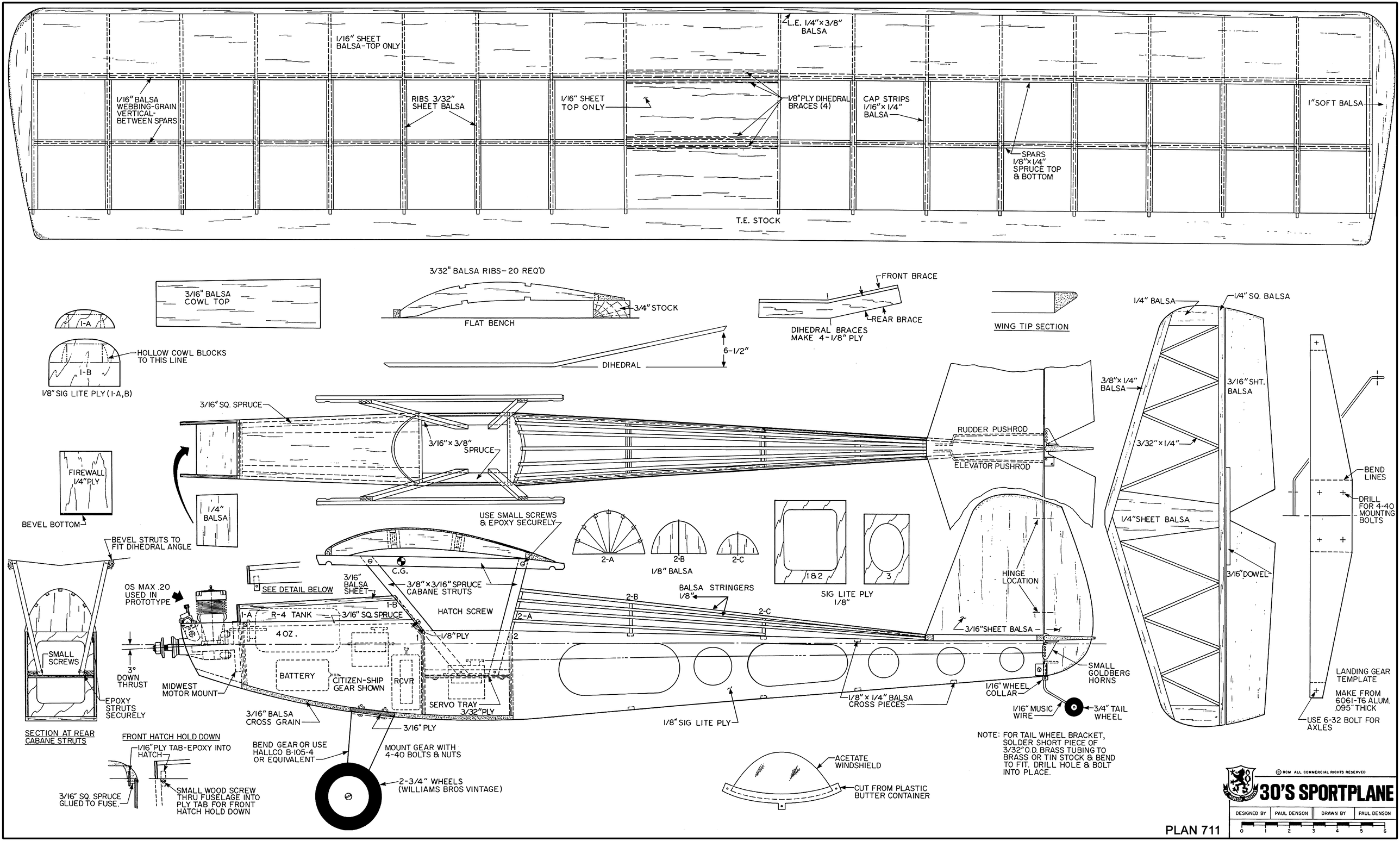
1/16" SHEET BALSA-TOP ONLY
L.E. 1/4"x3/8" BALSA
1/16" BALSA WEBBING-GRAIN VERTICAL-BETWEEN SPARS
RIBS 3/32" SHEET BALSA
1/16" SHEET TOP ONLY
1/8" PLY DIHEDRAL BRACES (4)
CAP STRIPS 1/16"x1/4" BALSA
1" SOFT BALSA
SPARS 1/8"x1/4" SPRUCE TOP & BOTTOM
T.E. STOCK
3/32" BALSA RIBS-20 REQ'D
3/16" BALSA COWL TOP
3/4" STOCK
FLAT BENCH
FRONT BRACE
REAR BRACE
DIHEDRAL BRACES MAKE 4-1/8" PLY
WING TIP SECTION
1/4" BALSA
1/4" SQ. BALSA
1-A
HOLLOW COWL BLOCKS TO THIS LINE
1-B
1/8" SIG LITE PLY (1-A,B)
6-1/2"
DIHEDRAL
3/16" SQ. SPRUCE
3/16"x3/8" SPRUCE
3/8"x1/4" BALSA
3/16" SHT. BALSA
3/32"x1/4"
RUDDER PUSHROD
ELEVATOR PUSHROD
FIREWALL 1/4" PLY
BEVEL BOTTOM
1/4" BALSA
USE SMALL SCREWS & EPOXY SECURELY
1/4" SHEET BALSA
BEND LINES
DRILL FOR 4-40 MOUNTING BOLTS
BEVEL STRUTS TO FIT DIHEDRAL ANGLE
2-A
2-B
2-C
1/8" BALSA
1&2
3
SIG LITE PLY 1/8"
HINGE LOCATION
3/16" DOWEL
OS MAX .20 USED IN PROTOTYPE
SEE DETAIL BELOW
3/16" BALSA SHEET
C.G.
3/8"x3/16" SPRUCE CABANE STRUTS
BALSA STRINGERS 1/8"
R-4 TANK
3/16" SQ. SPRUCE
HATCH SCREW
4 OZ.
1/8" PLY
3/16" SHEET BALSA
SMALL SCREWS
3° DOWN THRUST
BATTERY
CITIZEN-SHIP GEAR SHOWN
RCVR
SERVO TRAY 3/32" PLY
SMALL GOLDBERG HORNS
LANDING GEAR TEMPLATE
MAKE FROM 6061-T6 ALUM. .095" THICK
MIDWEST MOTOR MOUNT
EPOXY STRUTS SECURELY
3/16" BALSA CROSS GRAIN
3/16" PLY
1/8" SIG LITE PLY
1/8" x 1/4" BALSA CROSS PIECES
1/16" WHEEL COLLAR
1/16" MUSIC WIRE
3/4" TAIL WHEEL
USE 6-32 BOLT FOR AXLES
SECTION AT REAR CABANE STRUTS
FRONT HATCH HOLD DOWN
1/16" PLY TAB-EPOXY INTO HATCH
3/16" SQ. SPRUCE GLUED TO FUSE.
SMALL WOOD SCREW THRU FUSELAGE INTO PLY TAB FOR FRONT HATCH HOLD DOWN
BEND GEAR OR USE HALLCO B-105-4 OR EQUIVALENT
MOUNT GEAR WITH 4-40 BOLTS & NUTS
2-3/4" WHEELS (WILLIAMS BROS VINTAGE)
ACETATE WINDSHIELD
CUT FROM PLASTIC BUTTER CONTAINER
NOTE: FOR TAIL WHEEL BRACKET, SOLDER SHORT PIECE OF 3/32" O.D. BRASS TUBING TO BRASS OR TIN STOCK & BEND TO FIT. DRILL HOLE & BOLT INTO PLACE.
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30'S SPORTPLANE
DESIGNED BY PAUL DENSON
DRAWN BY PAUL DENSON
0 1 2 3 4 5 6
PLAN 711