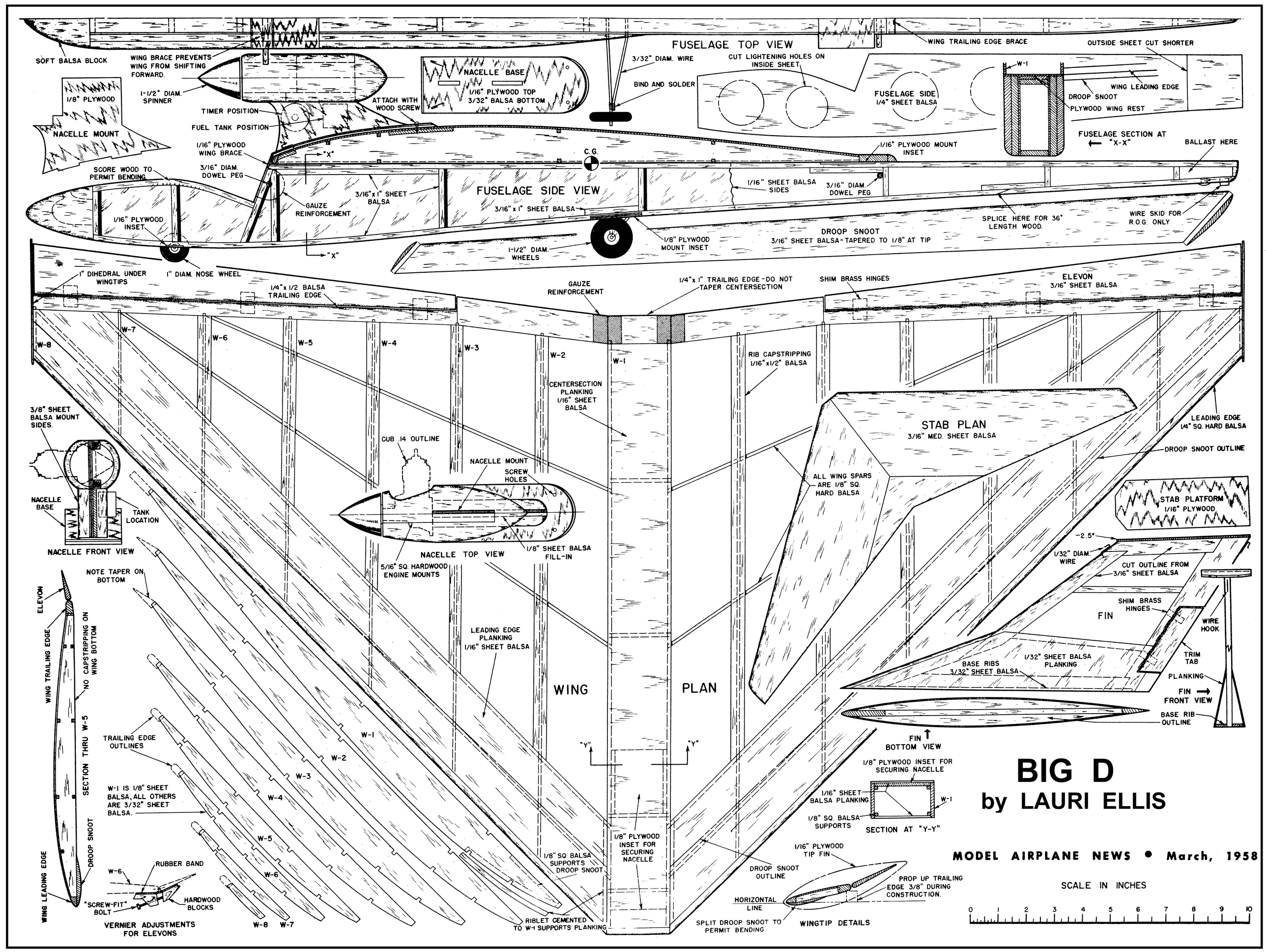
FUSELAGE TOP VIEW
SOFT BALSA BLOCK
WING BRACE PREVENTS WING FROM SHIFTING FORWARD.
1-1/2" DIAM. SPINNER
TIMER POSITION
FUEL TANK POSITION
ATTACH WITH WOOD SCREW
NACELLE BASE
1/16" PLYWOOD TOP
3/32" BALSA BOTTOM
3/32" DIAM. WIRE
BIND AND SOLDER
CUT LIGHTENING HOLES ON INSIDE SHEET
FUSELAGE SIDE
1/4" SHEET BALSA
WING TRAILING EDGE BRACE
OUTSIDE SHEET CUT SHORTER
W-1
WING LEADING EDGE
DROOP SNOOT
PLYWOOD WING REST
FUSELAGE SECTION AT "X-X"
1/8" PLYWOOD
NACELLE MOUNT
1/16" PLYWOOD WING BRACE
SCORE WOOD TO PERMIT BENDING
3/16" DIAM. DOWEL PEG
"X"
C.G.
1/16" PLYWOOD MOUNT INSET
BALLAST HERE
FUSELAGE SIDE VIEW
3/16" x 1" SHEET BALSA
GAUZE REINFORCEMENT
1/16" SHEET BALSA SIDES
3/16" DIAM. DOWEL PEG
1/16" PLYWOOD INSET
1-1/2" DIAM. WHEELS
1/8" PLYWOOD MOUNT INSET
DROOP SNOOT
3/16" SHEET BALSA-TAPERED TO 1/8" AT TIP
SPLICE HERE FOR 36" LENGTH WOOD.
WIRE SKID FOR R.O.G. ONLY
1" DIHEDRAL UNDER WINGTIPS
1" DIAM. NOSE WHEEL
1/4" x 1/2 BALSA TRAILING EDGE
GAUZE REINFORCEMENT
1/4" x 1" TRAILING EDGE-DO NOT TAPER CENTERSECTION
SHIM BRASS HINGES
ELEVON
3/16" SHEET BALSA
W-8
W-7
W-6
W-5
W-4
W-3
W-2
W-1
RIB CAPSTRIPPING 1/16" x 1/2" BALSA
CENTERSECTION PLANKING 1/16" SHEET BALSA
3/8" SHEET BALSA MOUNT SIDES.
NACELLE BASE
TANK LOCATION
NACELLE FRONT VIEW
CUB 14 OUTLINE
NACELLE MOUNT
SCREW HOLES
NACELLE TOP VIEW
1/8" SHEET BALSA FILL-IN
5/16" SQ. HARDWOOD ENGINE MOUNTS
STAB PLAN
3/16" MED. SHEET BALSA
LEADING EDGE 1/4" SQ. HARD BALSA
DROOP SNOOT OUTLINE
ALL WING SPARS ARE 1/8" SQ. HARD BALSA
STAB PLATFORM 1/16" PLYWOOD
-2.5°
1/32" DIAM. WIRE
CUT OUTLINE FROM 3/16" SHEET BALSA
SHIM BRASS HINGES
FIN
WIRE HOOK
TRIM TAB
BASE RIBS 3/32" SHEET BALSA
1/32" SHEET BALSA PLANKING
PLANKING
FIN → FRONT VIEW
BASE RIB OUTLINE
FIN ↑ BOTTOM VIEW
ELEVON
WING TRAILING EDGE
NO CAPSTRIPPING ON WING BOTTOM
SECTION THRU W-5
DROOP SNOOT
WING LEADING EDGE
NOTE TAPER ON BOTTOM
LEADING EDGE PLANKING 1/16" SHEET BALSA
WING PLAN
TRAILING EDGE OUTLINES
W-1 IS 1/8" SHEET BALSA, ALL OTHERS ARE 3/32" SHEET BALSA.
"Y"
1/8" PLYWOOD INSET FOR SECURING NACELLE
1/16" SHEET BALSA PLANKING
1/8" SQ. BALSA SUPPORTS
SECTION AT "Y-Y"
1/8" SQ. BALSA SUPPORTS DROOP SNOOT
1/8" PLYWOOD INSET FOR SECURING NACELLE
1/16" PLYWOOD TIP FIN
DROOP SNOOT OUTLINE
PROP UP TRAILING EDGE 3/8" DURING CONSTRUCTION.
HORIZONTAL LINE
SPLIT DROOP SNOOT TO PERMIT BENDING
WINGTIP DETAILS
RUBBER BAND
W-6
"SCREW-FIT" BOLT
HARDWOOD BLOCKS
VERNIER ADJUSTMENTS FOR ELEVONS
W-8 W-7
RIBLET CEMENTED TO W-1 SUPPORTS PLANKING
BIG D
by LAURI ELLIS
MODEL AIRPLANE NEWS • March, 1958
SCALE IN INCHES
0 1 2 3 4 5 6 7 8 9 10