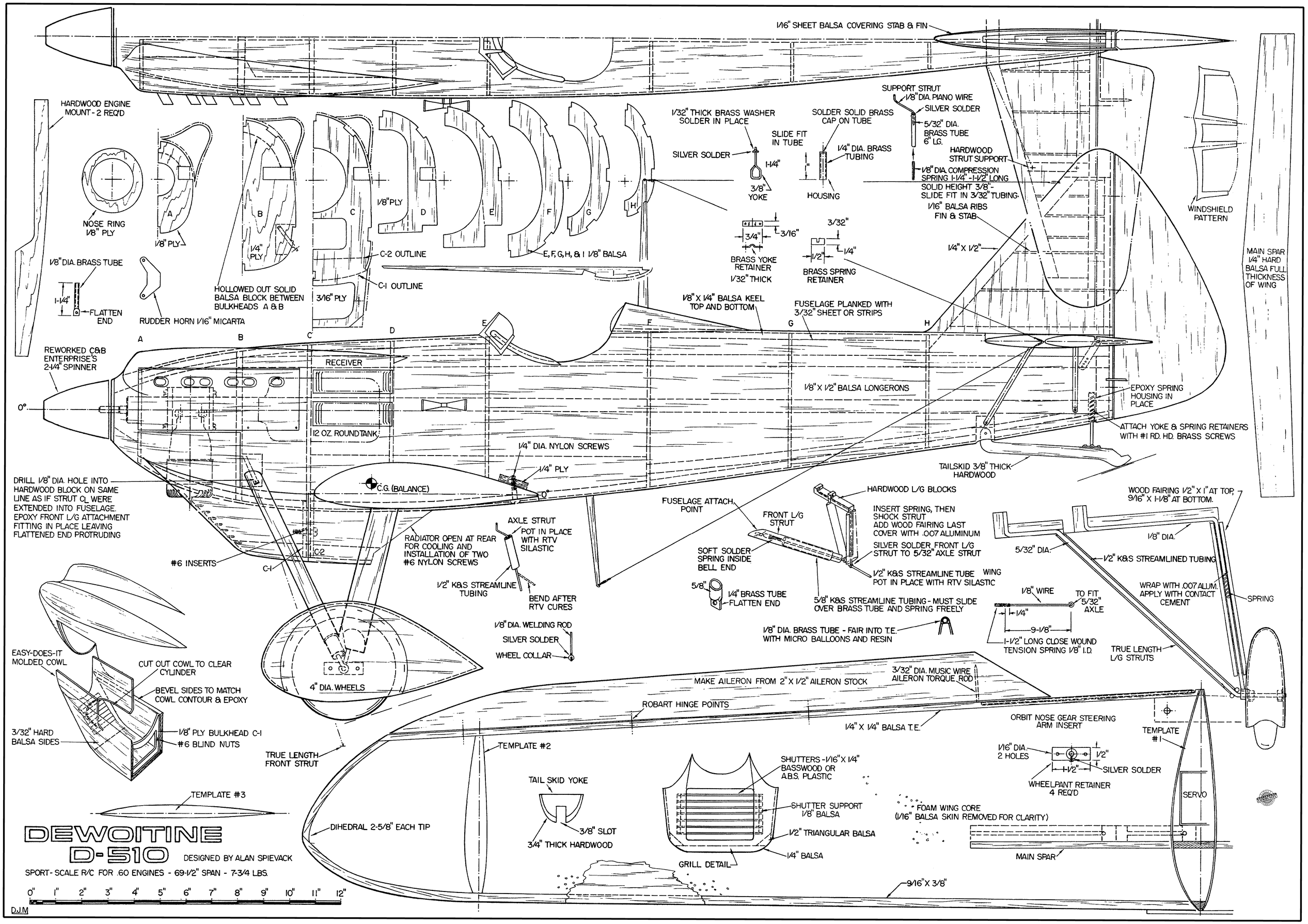
1/16" SHEET BALSA COVERING STAB & FIN
HARDWOOD ENGINE MOUNT - 2 REQ'D
NOSE RING 1/8" PLY
1/8" PLY
A
B
1/4" PLY
C
1/8" PLY
D
E
F
G
H
C-2 OUTLINE
C-1 OUTLINE
3/16" PLY
E, F, G, H, & I 1/8" BALSA
1/8" DIA. BRASS TUBE
1-1/4"
FLATTEN END
RUDDER HORN 1/16" MICARTA
HOLLOWED OUT SOLID BALSA BLOCK BETWEEN BULKHEADS A & B
1/32" THICK BRASS WASHER SOLDER IN PLACE
SILVER SOLDER
1-1/4"
3/8" YOKE
SLIDE FIT IN TUBE
SOLDER SOLID BRASS CAP ON TUBE
1/4" DIA. BRASS TUBING
HOUSING
SUPPORT STRUT
1/8" DIA. PIANO WIRE
SILVER SOLDER
5/32" DIA. BRASS TUBE 6" LG.
HARDWOOD STRUT SUPPORT
1/8" DIA. COMPRESSION SPRING 1-1/4" - 1-1/2" LONG SOLID HEIGHT 3/8" - SLIDE FIT IN 3/32" TUBING
1/16" BALSA RIBS FIN & STAB
3/4"
3/16"
BRASS YOKE RETAINER 1/32" THICK
3/32"
1/2"
1/4"
BRASS SPRING RETAINER
1/4" X 1/2"
WINDSHIELD PATTERN
MAIN SPAR 1/4" HARD BALSA FULL THICKNESS OF WING
1/8" X 1/4" BALSA KEEL TOP AND BOTTOM
FUSELAGE PLANKED WITH 3/32" SHEET OR STRIPS
REWORKED C&B ENTERPRISE'S 2-1/4" SPINNER
RECEIVER
12 OZ. ROUND TANK
1/8" X 1/2" BALSA LONGERONS
EPOXY SPRING HOUSING IN PLACE
ATTACH YOKE & SPRING RETAINERS WITH #1 RD. HD. BRASS SCREWS
TAILSKID 3/8" THICK HARDWOOD
1/4" DIA. NYLON SCREWS
1/4" PLY
C.G. (BALANCE)
DRILL 1/8" DIA. HOLE INTO HARDWOOD BLOCK ON SAME LINE AS IF STRUT ℄ WERE EXTENDED INTO FUSELAGE. EPOXY FRONT L/G ATTACHMENT FITTING IN PLACE LEAVING FLATTENED END PROTRUDING
#6 INSERTS
C-1
C2
RADIATOR OPEN AT REAR FOR COOLING AND INSTALLATION OF TWO #6 NYLON SCREWS
AXLE STRUT
POT IN PLACE WITH RTV SILASTIC
1/2" K&S STREAMLINE TUBING
BEND AFTER RTV CURES
FUSELAGE ATTACH POINT
FRONT L/G STRUT
HARDWOOD L/G BLOCKS
INSERT SPRING, THEN SHOCK STRUT
ADD WOOD FAIRING LAST
COVER WITH .007 ALUMINUM
SILVER SOLDER FRONT L/G STRUT TO 5/32" AXLE STRUT
SOFT SOLDER SPRING INSIDE BELL END
1/2" K&S STREAMLINE TUBE POT IN PLACE WITH RTV SILASTIC
5/8"
1/4" BRASS TUBE FLATTEN END
5/8" K&S STREAMLINE TUBING - MUST SLIDE OVER BRASS TUBE AND SPRING FREELY
WOOD FAIRING 1/2" X 1" AT TOP, 9/16" X 1-1/8" AT BOTTOM.
1/8" DIA.
5/32" DIA.
1/2" K&S STREAMLINED TUBING
WRAP WITH .007 ALUM. APPLY WITH CONTACT CEMENT
SPRING
1/8" WIRE
TO FIT 5/32" AXLE
1/4"
9-1/8"
1-1/2" LONG CLOSE WOUND TENSION SPRING 1/8" I.D.
TRUE LENGTH L/G STRUTS
1/8" DIA. WELDING ROD
SILVER SOLDER
WHEEL COLLAR
1/8" DIA. BRASS TUBE - FAIR INTO T.E. WITH MICRO BALLOONS AND RESIN
EASY-DOES-IT MOLDED COWL
CUT OUT COWL TO CLEAR CYLINDER
BEVEL SIDES TO MATCH COWL CONTOUR & EPOXY
3/32" HARD BALSA SIDES
1/8" PLY BULKHEAD C-1
#6 BLIND NUTS
4" DIA. WHEELS
TRUE LENGTH FRONT STRUT
MAKE AILERON FROM 2" X 1/2" AILERON STOCK
3/32" DIA. MUSIC WIRE AILERON TORQUE ROD
ROBART HINGE POINTS
1/4" X 1/4" BALSA T.E.
ORBIT NOSE GEAR STEERING ARM INSERT
TEMPLATE #1
TEMPLATE #2
1/16" DIA. 2 HOLES
1/2"
1-1/2"
SILVER SOLDER
WHEELPANT RETAINER 4 REQ'D
SERVO
TEMPLATE #3
TAIL SKID YOKE
3/8" SLOT
3/4" THICK HARDWOOD
SHUTTERS - 1/16" X 1/4" BASSWOOD OR A.B.S. PLASTIC
SHUTTER SUPPORT 1/8" BALSA
1/2" TRIANGULAR BALSA
1/4" BALSA
GRILL DETAIL
FOAM WING CORE (1/16" BALSA SKIN REMOVED FOR CLARITY)
MAIN SPAR
DIHEDRAL 2-5/8" EACH TIP
9/16" X 3/8"
DEWOITINE
D-510
DESIGNED BY ALAN SPIEVACK
SPORT-SCALE R/C FOR .60 ENGINES - 69-1/2" SPAN - 7-3/4 LBS.
0" 1" 2" 3" 4" 5" 6" 7" 8" 9" 10" 11" 12"
DJM