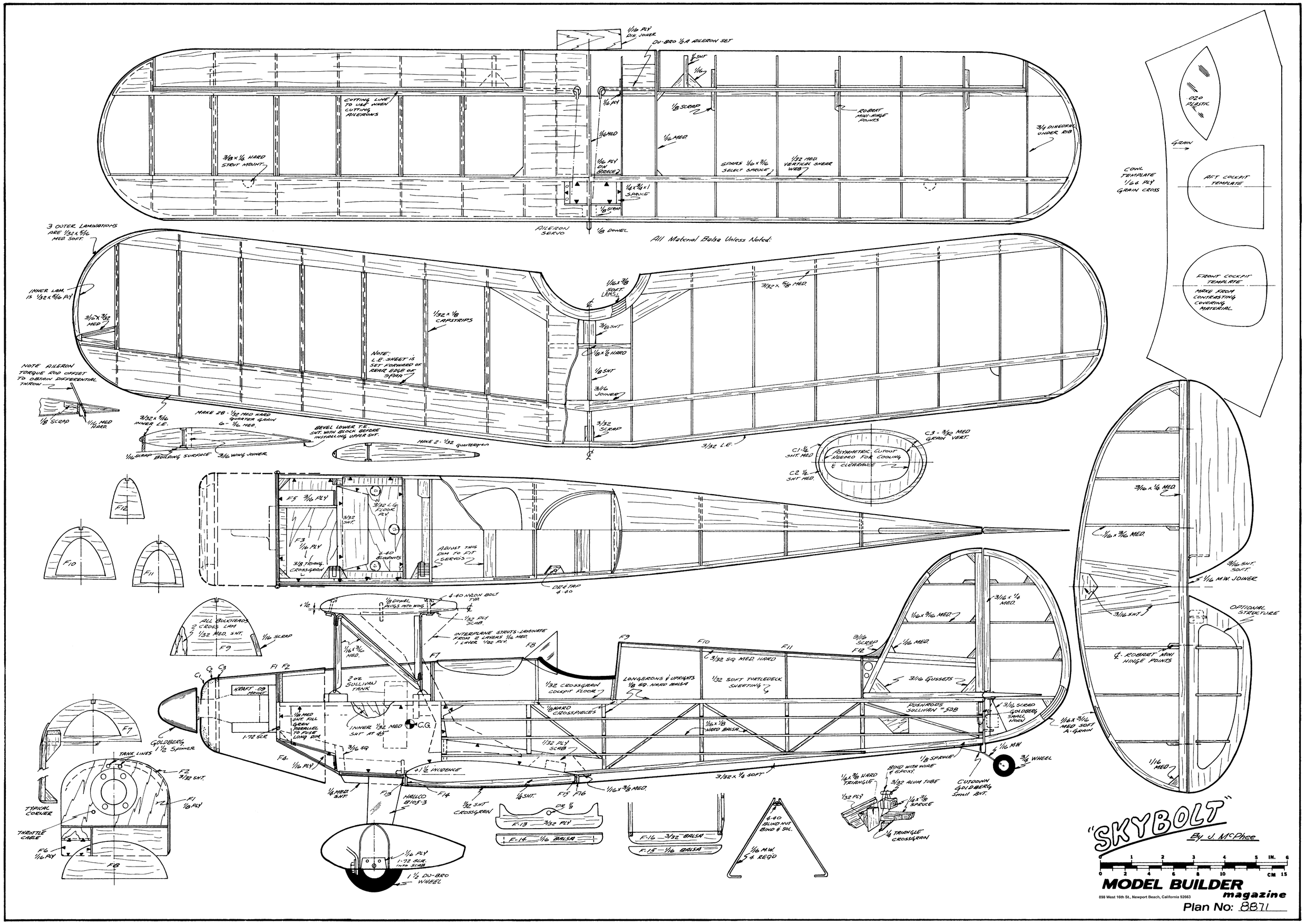
All Material Balsa Unless Noted:
1/16 PLY DIH. JOINER
DU-BRO 1/8 A AILERON SET
CUTTING LINE TO USE WHEN CUTTING AILERONS
3/8 x 1/4 HARD STRUT MOUNT
1/8 SCRAP
ROBART MINI-HINGE POINTS
3/4 DIHEDRAL UNDER RIB
SPARS 1/16 x 3/16 SELECT SPRUCE
1/32 MED. VERTICAL SHEAR WEB
1/4 x 3/4 x 1 SPRUCE
AILERON SERVO
1/8 DOWEL
3 OUTER LAMINATIONS ARE 1/32 x 5/16 MED. SOFT.
INNER LAM. IS 1/32 x 5/16 PLY
3/16 x 3/32 MED
NOTE AILERON TORQUE ROD OFFSET TO OBTAIN DIFFERENTIAL THROW
1/8 SCRAP
1/16 MED HARD
3/32 x 5/16 INNER L.E.
1/16 SCRAP BUILDING SURFACE
MAKE 28 - 1/32 MED HARD QUARTER GRAIN 6 - 1/16 MED.
3/16 WING JOINER
BEVEL LOWER T.E. SHT. WITH BLOCK BEFORE INSTALLING UPPER SHT.
MAKE 2 - 1/32 QUARTER GRAIN
1/32 x 1/8 CAPSTRIPS
NOTE: L.E. SHEET IS SET FORWARD OF REAR EDGE OF SPAR
1/16 x 3/8 SOFT. LAMS.
3/32 x 5/8 MED.
3/8 SHT
1/8 x 1/2 HARD
1/8 SHT
3/16 JOINER
3/32 SCRAP
3/32 L.E.
C1 - 1/4 SHT MED
C2 1/4 SHT MED.
ASYMMETRIC CUTOUT NEEDED FOR COOLING & CLEARANCE
C3 - 3/32 MED GRAIN VERT.
F12
F10
F11
F5 3/16 PLY
3/32 L.G. FLOOR PLY
3/32 SHT.
F3 1/16 PLY
3/8 TRIANG. CROSS GRAIN
4-40 BLINDNUTS
ADJUST THIS DIM TO FIT SERVOS
DRILL & TAP 4-40
F9
ALL BULKHEADS 2 CROSS LAM 2 1/32 MED. SHT.
1/16 SCRAP
1/8 DOWEL PLUGS INTO WING
4-40 NYLON BOLT TYP.
1/32 PLY SCRAP
INTERPLANE STRUTS - LAMINATE FROM 2 LAYERS 1/16 MED. 1 LAYER 1/32 PLY.
F8
F7
1/4 x 3/16 MED.
F1 F2
C1 C2 C3
KRAFT CB MOUNT
2 oz SULLIVAN TANK
1/8 MED SHT FILL GRAIN PARALLEL TO FUSE. LONG DIM.
INNER 1/32 MED SHT AT 45°
C.G.
1-72 SCR
3/16 SQ
F4
1/16 PLY
GOLDBERG 1 1/2 SPINNER
TANK LINES
F2 3/32 SHT.
F1 1/8 PLY
TYPICAL CORNER
THROTTLE CABLE
F6 1/16 PLY
F5
1/4 MED SHT.
HALLCO B105-3
F14
1/32 SHT CROSS GRAIN
1/8 PLY 1-72 SCR. INTO SCRAB
1 1/2 DU-BRO WHEEL
+1 1/2 INCIDENCE
1/4 SHT.
F13
F15 F16
1/16 x 3/8 MED.
3/32 x 1/4 SOFT
F13 3/32 PLY
F14 1/16 BALSA
F16 3/32 BALSA
F15 1/16 BALSA
1/32 CROSS GRAIN COCKPIT FLOOR
LONGERONS & UPRIGHTS 1/8 SQ. HARD BALSA
1/32 SOFT TURTLEDECK SHEETING
3/16 GUSSETS
1/8 HARD CROSS PIECES
1/16 x 1/8 HARD BALSA
1/32 PLY SCRAP
PUSHRODS SULLIVAN "50B"
3/16 SCRAP GOLDBERG SMALL HORN
1/16 x 3/16 MED SOFT A-GRAIN
1/16 M.W.
1/8 SPRUCE
3/4 WHEEL
CUTDOWN GOLDBERG Small SHT.
1/16 x 3/8 HARD TRIANGLE
BLIND WITH WIRE & EPOXY
3/32 ALUM TUBE
1/32 PLY
1/4 x 3/8 SPRUCE
1/4 TRIANGLE CROSS GRAIN
4-40 BLIND NUT BIND & SOL.
1/16 M.W. 4 REQD
3/16 x 1/4 MED.
1/16 x 3/16 MED.
3/16 SHT. SOFT.
1/16 M.W. JOINER
3/16 SHT
OPTIONAL STRUCTURE
℄ ROBART MINI HINGE POINTS
1/16 MED.
COWL TEMPLATE 1/16 PLY GRAIN CROSS
.020 PLASTIC
GRAIN
AFT COCKPIT TEMPLATE
FRONT COCKPIT TEMPLATE
MAKE FROM CONTRASTING COVERING MATERIAL
"SKYBOLT"
By J. McPhee
MODEL BUILDER magazine
898 West 16th St., Newport Beach, California 92663
Plan No: 8871