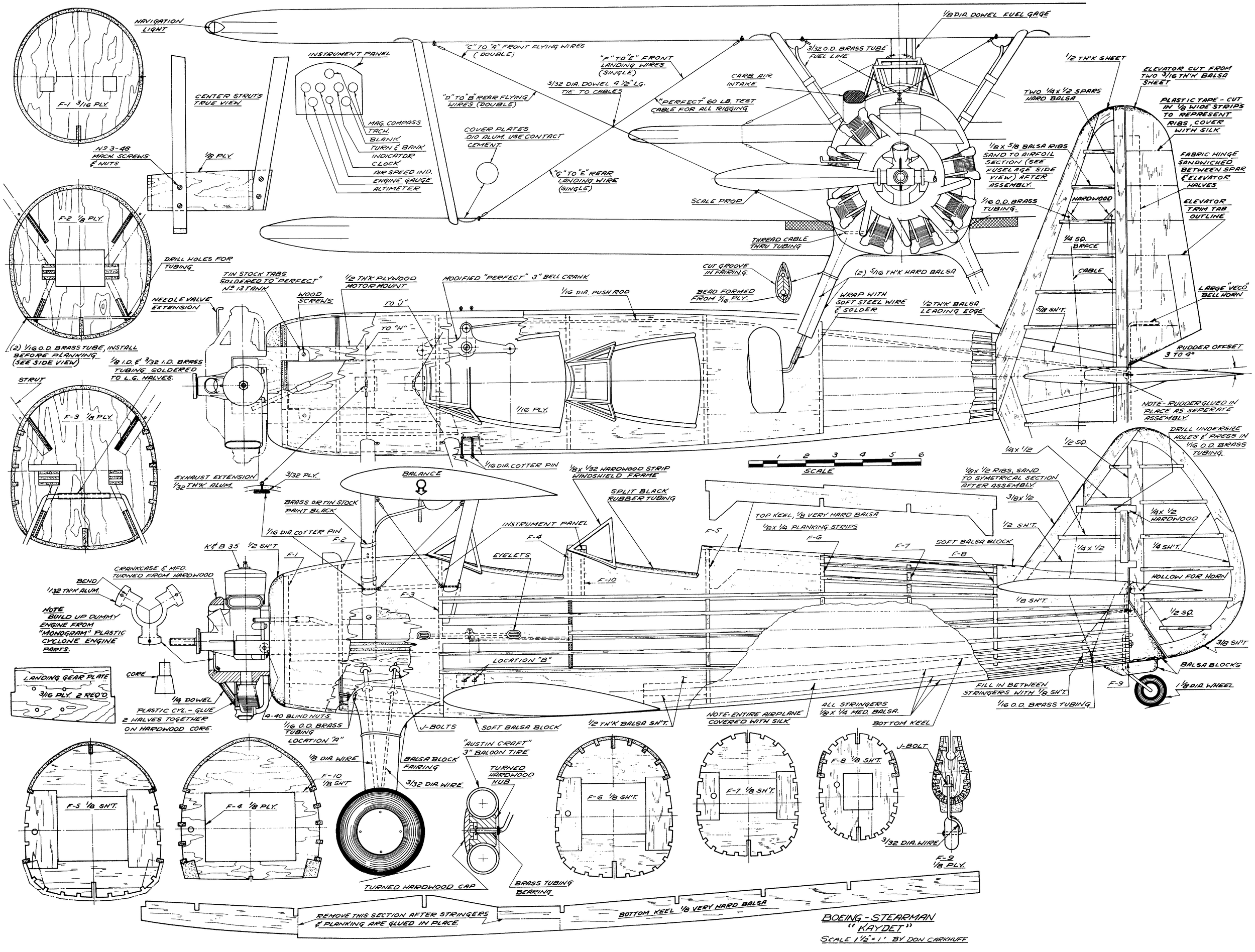
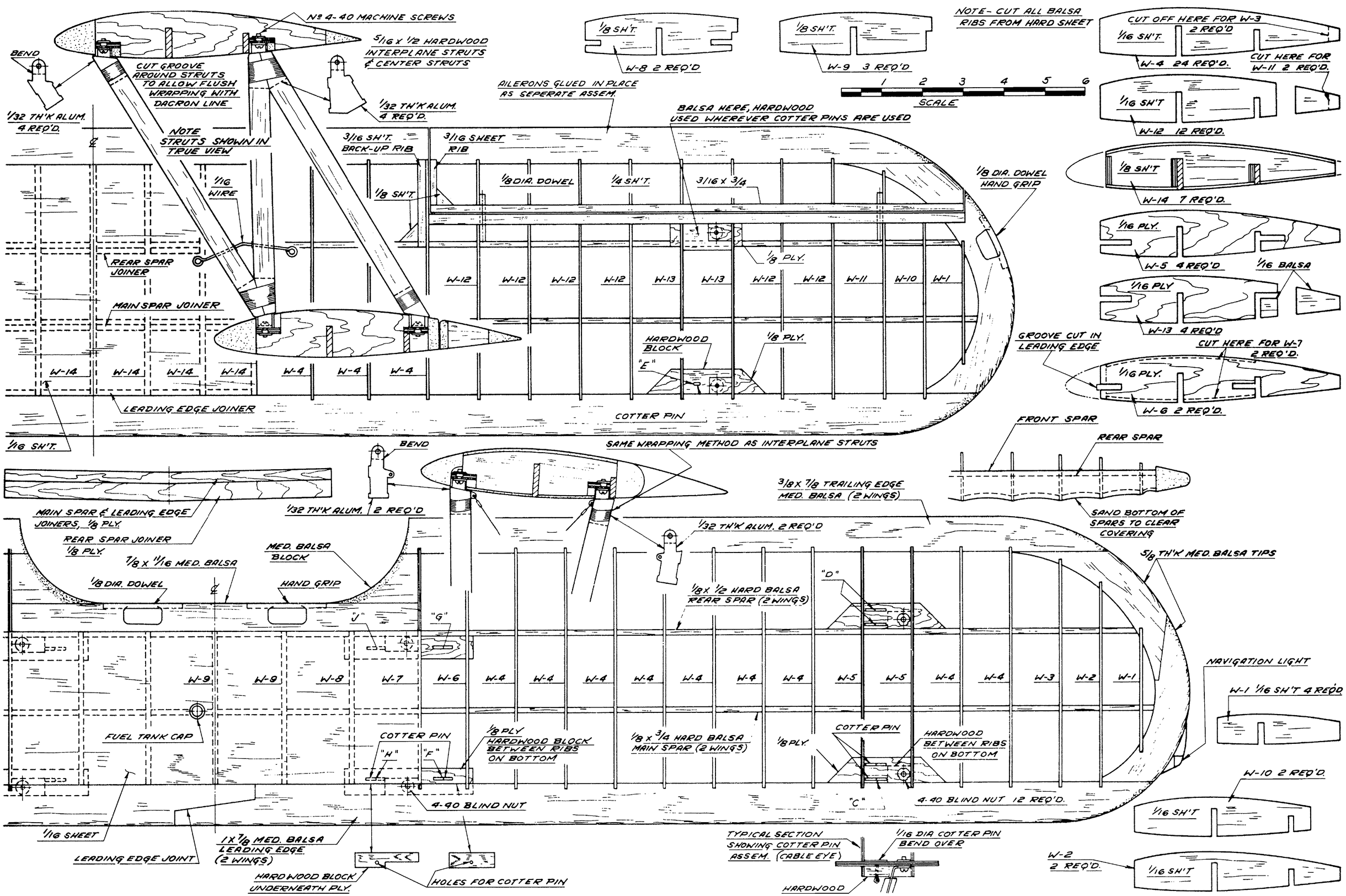


BOEING - STEARMAN
"KAYDET"
SCALE 1 1/2" = 1' BY DON CARKHUFF


Nº 4-40 MACHINE SCREWS
5/16 x 1/2 HARDWOOD INTERPLANE STRUTS & CENTER STRUTS
BEND
CUT GROOVE AROUND STRUTS TO ALLOW FLUSH WRAPPING WITH DACRON LINE
1/32 TH'K ALUM. 4 REQ'D.
1/32 TH'K ALUM. 4 REQ'D.
NOTE STRUTS SHOWN IN TRUE VIEW
1/16 WIRE
AILERONS GLUED IN PLACE AS SEPERATE ASSEM.
BALSA HERE, HARDWOOD USED WHEREVER COTTER PINS ARE USED
3/16 SH'T. BACK-UP RIB
3/16 SHEET RIB
1/8 SH'T.
1/8 DIA. DOWEL
1/4 SH'T.
3/16 x 3/4
1/8 DIA. DOWEL HAND GRIP
1/8 PLY.
REAR SPAR JOINER
MAIN SPAR JOINER
W-12 W-12 W-12 W-12 W-13 W-13 W-12 W-12 W-11 W-10 W-1
HARDWOOD BLOCK "E"
1/8 PLY.
W-14 W-14 W-14 W-14 W-4 W-4 W-4
LEADING EDGE JOINER
COTTER PIN
1/16 SH'T.
1/8 SH'T. W-8 2 REQ'D
1/8 SH'T. W-9 3 REQ'D
NOTE- CUT ALL BALSA RIBS FROM HARD SHEET
1 2 3 4 5 6
SCALE
CUT OFF HERE FOR W-3 2 REQ'D
1/16 SH'T.
W-4 24 REQ'D.
CUT HERE FOR W-11 2 REQ'D.
1/16 SH'T
W-12 12 REQ'D.
1/8 SH'T
W-14 7 REQ'D.
1/16 PLY.
W-5 4 REQ'D
1/16 BALSA
1/16 PLY
W-13 4 REQ'D
GROOVE CUT IN LEADING EDGE
CUT HERE FOR W-7 2 REQ'D.
1/16 PLY.
W-6 2 REQ'D.
FRONT SPAR
REAR SPAR
SAME WRAPPING METHOD AS INTERPLANE STRUTS
BEND
3/8 x 7/8 TRAILING EDGE MED. BALSA (2 WINGS)
SAND BOTTOM OF SPARS TO CLEAR COVERING
MAIN SPAR & LEADING EDGE JOINERS, 1/8 PLY.
1/32 TH'K ALUM. 2 REQ'D
1/32 TH'K ALUM. 2 REQ'D
REAR SPAR JOINER 1/8 PLY.
MED. BALSA BLOCK
7/8 x 11/16 MED. BALSA
1/8 DIA. DOWEL
HAND GRIP
5/8 TH'K MED. BALSA TIPS
"D"
1/8 x 1/2 HARD BALSA REAR SPAR (2 WINGS)
"J"
"G"
NAVIGATION LIGHT
W-9 W-9 W-8 W-7 W-6 W-4 W-4 W-4 W-4 W-4 W-4 W-4 W-5 W-5 W-4 W-4 W-3 W-2 W-1
W-1 1/16 SH'T 4 REQ'D
FUEL TANK CAP
COTTER PIN
"H" "F"
1/8 PLY HARDWOOD BLOCK BETWEEN RIBS ON BOTTOM
1/8 x 3/4 HARD BALSA MAIN SPAR (2 WINGS)
1/8 PLY.
COTTER PIN
HARDWOOD BETWEEN RIBS ON BOTTOM
W-10 2 REQ'D.
4-40 BLIND NUT
"C"
4-40 BLIND NUT 12 REQ'D.
1/16 SH'T
1/16 SHEET
LEADING EDGE JOINT
1 x 7/8 MED. BALSA LEADING EDGE (2 WINGS)
HARDWOOD BLOCK UNDERNEATH PLY.
HOLES FOR COTTER PIN
TYPICAL SECTION SHOWING COTTER PIN ASSEM. (CABLE EYE)
1/16 DIA COTTER PIN BEND OVER
HARDWOOD
W-2 2 REQ'D.
1/16 SH'T