





1/2" SOFT BALSA FILL OVER L.E. TAPER TO W-3 (PREVENTS COVERING SAG AT L.E.)

BEVEL TEMPLATE FOR JOINING L.E., T.E. AND SPARS - MAKE FROM 1/8" BALSA OR PLY

EACH WING TIP HAS 3/8" WASHOUT INSTALLED AFTER WING IS COVERED - MAKE CERTAIN BOTH WING TIPS ARE THE SAME

TAPER TO MEET T.E.

ALL RIBS ARE 1/8" MED. BALSA

1/4" SQ. SPRUCE SPARS TOP & BOTTOM

3/32" HARD BALSA VERT. GRAIN WEBS

3/8" x 1-1/2" MED. BALSA TRAILING EDGE

5/8" x 3/4" MED. HARD FORMED BALSA LEADING EDGE

NOTE: DELETE SHEAR WEBBING BETWEEN DB-1 AND SPAR CAPS. GLUE DB-1 TO SPAR CAPS

3/32" HD. BALSA CENTER SECT. SHEETING TOP & BOTTOM (TOP SHEETING OMITTED FOR CLARITY).

3/16" DOWEL T.E. PROTECTOR

MATCH LINE

1/2" SOFT BALSA SHEET TIP

5-1/2"

WING DIHEDRAL DETAIL

3/8" SQ. MED. BALSA LEADING EDGE

STABILIZER

S-6 S-5 S-4 S-3 S-2 S-1

TYPICAL HINGE LOCATION

1/16" MED. BALSA STAB. RIBS - ELEVATOR RIBS ARE FILL IN TYPE

1/8" PLY ELEV. JOIN.

SOFT BALSA FILL TAPER TO DASHED LINES

3/16" MED. BALSA ELEV. T.E. TAPER TO 1/8"

SOFT BALSA BLOCK CARVE TO SHAPE

1/8" SQ. HD. BALSA SPARS

1/2" x 1" BALSA GUSSET

1/4" x 1/2" MED. BALSA

ELEVATOR

SOFT BALSA FILL OVER ELEV. T.E. TAPER TO DASHED LINE

1/2" SOFT BALSA SHEET

NOTE: STAB. & ELEV. RIBS ARE 1/16" BALSA SHEET - TAPER SAND TO TIPS

W-1 THRU W-4 ARE TYPICAL WING SECTIONS

DB-4 1/8" PLY

DB-3

1/8" PLY

S-6

S-5

S-4

S-3

S-2

S-1

