

Join aileron bellcrank to W-27 and glue into place with scrap 6" sq. supports. Install aileron pushrod and let the intersection length overhang the inboard end.

Install steps 12 thru 20 for left panel.

When both tip skeletons complete, pin the center panel in place on plans. Shim so the centerlines on the ribs are parallel to the k-surface. Carefully saw W-2 apart aft of the sub-spar and aft of the 3/16" sq. rear spars. Do this on both ends of the intersection. Likewise, saw W-2A apart on both tip panels.

Place one tip panel in place and block up the tip rib 2-9:16". Be sure the tip rib is parallel to the work surface. When satisfied, glue W-4 and W-25 in place. Clamp tightly to spars. Be sure to glue W-2 and W-2A together in this step. Add W-2 and W-2A removed sections between W-24 and W-25.

Install No. 23 for opposite tip.

When dry, add trailing edge sheeting, W-36, to top of centersection. Use contact cement for rapid assembly.

Pin the W-33 tip T.E. sheeting to the tip curve.

Use contact cement to attach a W-33 sheet to each top tip panel after pinning panel flat to the work surface and being sure the rib centerlines are parallel to the work surface. Block the centersection up during procedure to remove the strain of the rest of the wing on the fixed tip panel. Be sure you have a tight smooth joint at the federal break.

Attach the lower tip T.E. sheet, W-33, as per the rib end views. Use contact cement the sheet in place being sure not to warp the tip ribs.

Attach W-37 to bottom of centersection.

Leave the aft centersection ribs for the flap W-35. Sand flap to be as shown in end view. Glue 3 W-21 hinge supports in place.

Attach flap tray cap W-34 in place in centersection after adding 3 W-21 hinge supports.

Make a slot in W-36 to clear the flap horn.

Attach C-12 in place between each pair of W-2 ribs.

Remove ailerons from W-33 sheeting.

Install 3 W-26 hinge supports and the W-28 hinge supports and the 9 cap.

Get the aileron cap for the thickness of W-29 and W-30 and then glue W-30 in place on the aileron. Be sure the aileron is not warped or glued W-30 in place after gluing W-31 in place.

Fill the aileron cutouts to the ends of the aileron cutouts. Add 2 Z's to the inboard ends of the ailerons and a scrap piece to the outboard ends of the ailerons.

Shape the aileron to shape.

When finished, being careful not to build in warps.

Install the tip blocks W-12.

1 and shape the tip and cut a flat relief area for W-13. Glue W-13 in place. Sand to shape.

Attach the aileron blocks from the floor, W-40 sides and W-38 and 5

