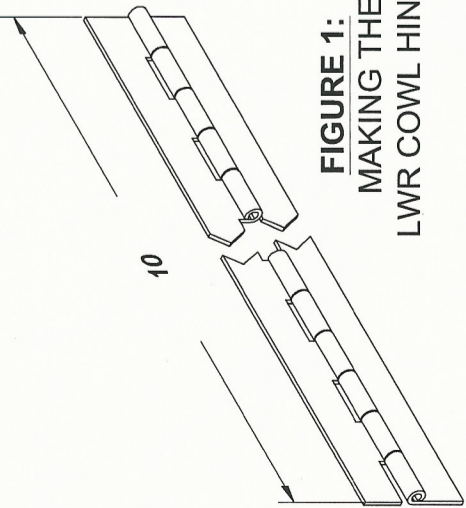


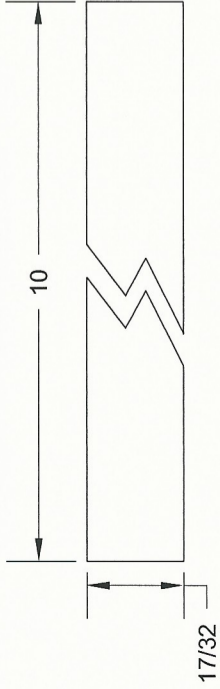


Step 1: Make two F-12117 Lwr Cowl Hinges 10 inches long from AN257-P3 Piano Hinge. Remove pin before cutting the hinge! See Figure 1.



**FIGURE 1:**  
MAKING THE  
LWR COWL HINGE

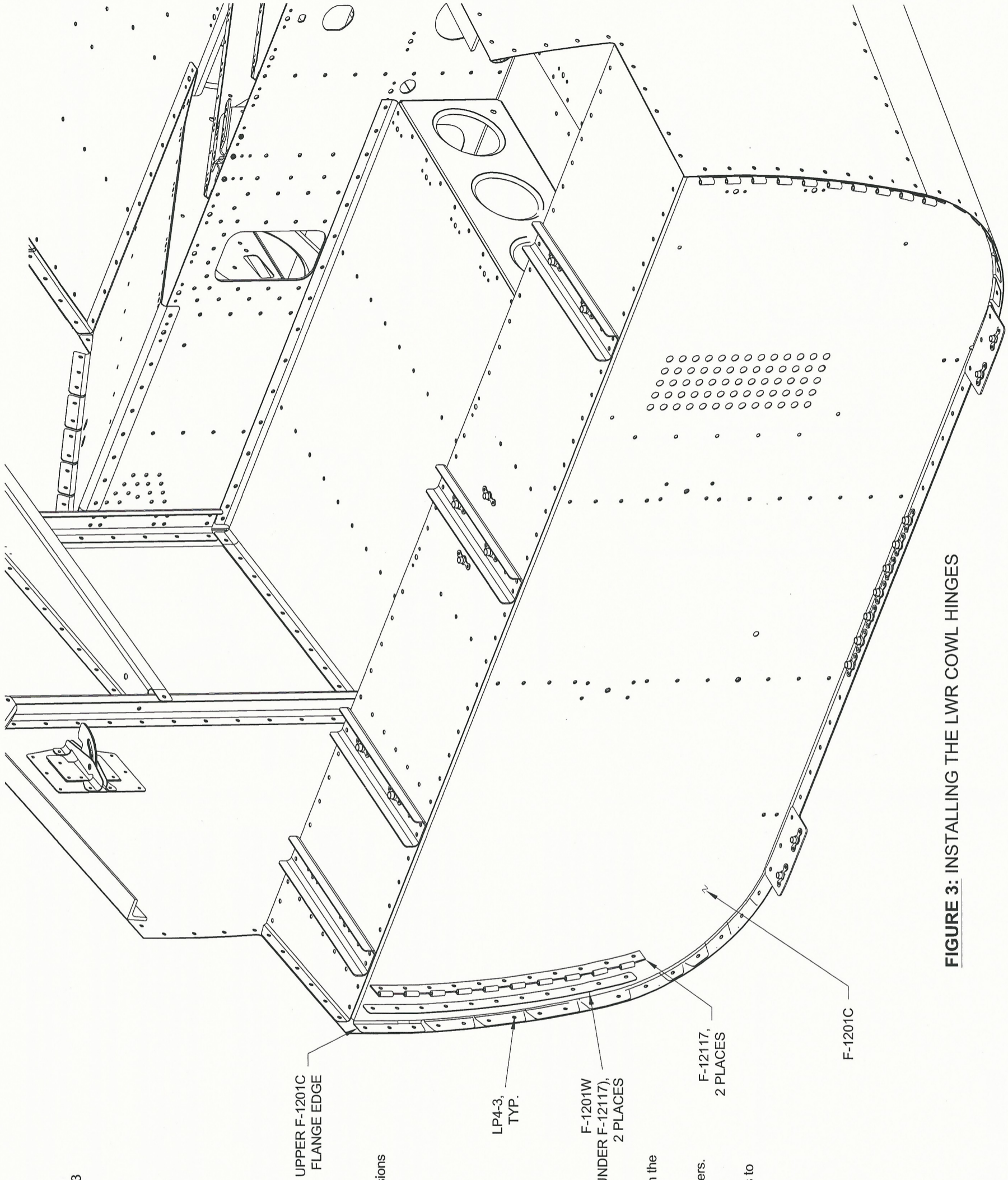
Step 2: Make two F-1201W Firewall Spacers from AS3-020 per the dimensions in Figure 2.



**FIGURE 2:**  
MAKING THE  
FIREWALL SPACERS

Step 3: Align the F-1201W Firewall Spacers and fwd edge of the notches in the F-12117 Lwr Cowl Hinges with the forward and upper flange edges of the F-1201C Firewall Bottom as shown in Figure 3. Match-Drill #30 the holes common between the firewall bottom, lwr cowl hinges and the firewall spacers. Remove and deburr the firewall spacers and lwr cowl hinges.

Step 4: Rivet the F-1201W Firewall Spacers and F-12117 Lwr Cowl Hinges to the Fuselage Assembly per the callouts in Figure 3.



**FIGURE 3:** INSTALLING THE LWR COWL HINGES