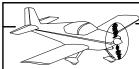


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NOTE: Except where separate instructions and/or figures exist for both left and right sides of the aircraft, only the left side parts, assemblies, or installations will be shown.

Unless otherwise directed it is the builder's choice whether to complete all steps for the left side before repeating those steps for the right side or to complete each step for both left and right sides before moving to the next step.

Refer to Figures 1 and 2 unless otherwise noted.

Step 1: Dimple the #40 holes in the flanges of the F-01406A-L and F-01406C Bulkheads except as noted in Figure 1.

Step 2: Dimple the #40 nutplate attach holes in the F-01406A-L and F-01406C Bulkheads.

Step 3: Dimple the indicated #30 holes in the F-01406A-L and F-01406C Bulkheads.

Step 4: Rivet the nutplates to the F-01406A-L and F-01406C Bulkheads.

Step 5: Use a step drill to enlarge the .191 [4.9 mm] hole to 3/4 in the F-01406A-L Bulkhead as shown in Figure 1. Do not repeat this step for the F-01406A-R Bulkhead.

Step 6: Flute flanges as required for proper hole alignment around the perimeter of the F-01406A-L and F-01406C Bulkheads.

Step 7: Cleco the F-01406A-L and F-01406C Bulkheads into the Aft Fuselage Assembly to determine if the fluting is adequate. See Page 30-04, Figure 1 and Page 30-05, Figure 1.

Remove the bulkheads when satisfied with the fit.

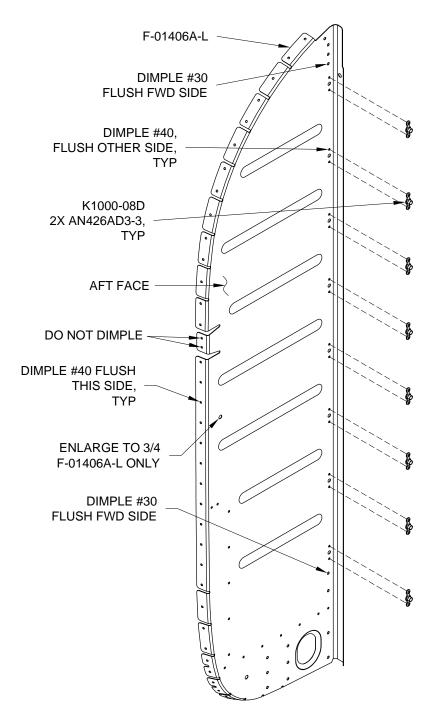


FIGURE 1: INSTALL NUTPLATES

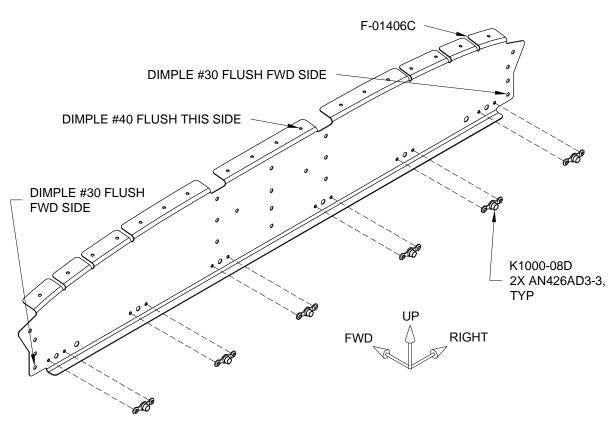


FIGURE 2: INSTALL NUTPLATES

Step 8: Bend the tab in the F-01473-L Aft Fuse Side Skin 3/32 [2.4 mm], outboard as shown in Figure 3.

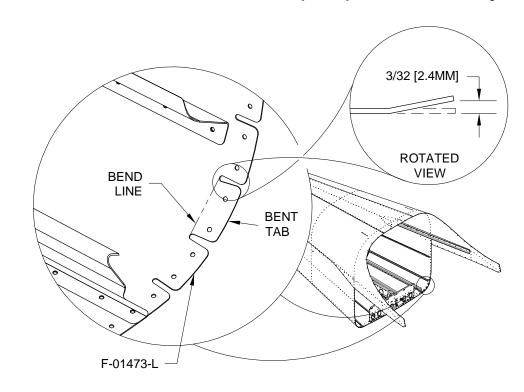
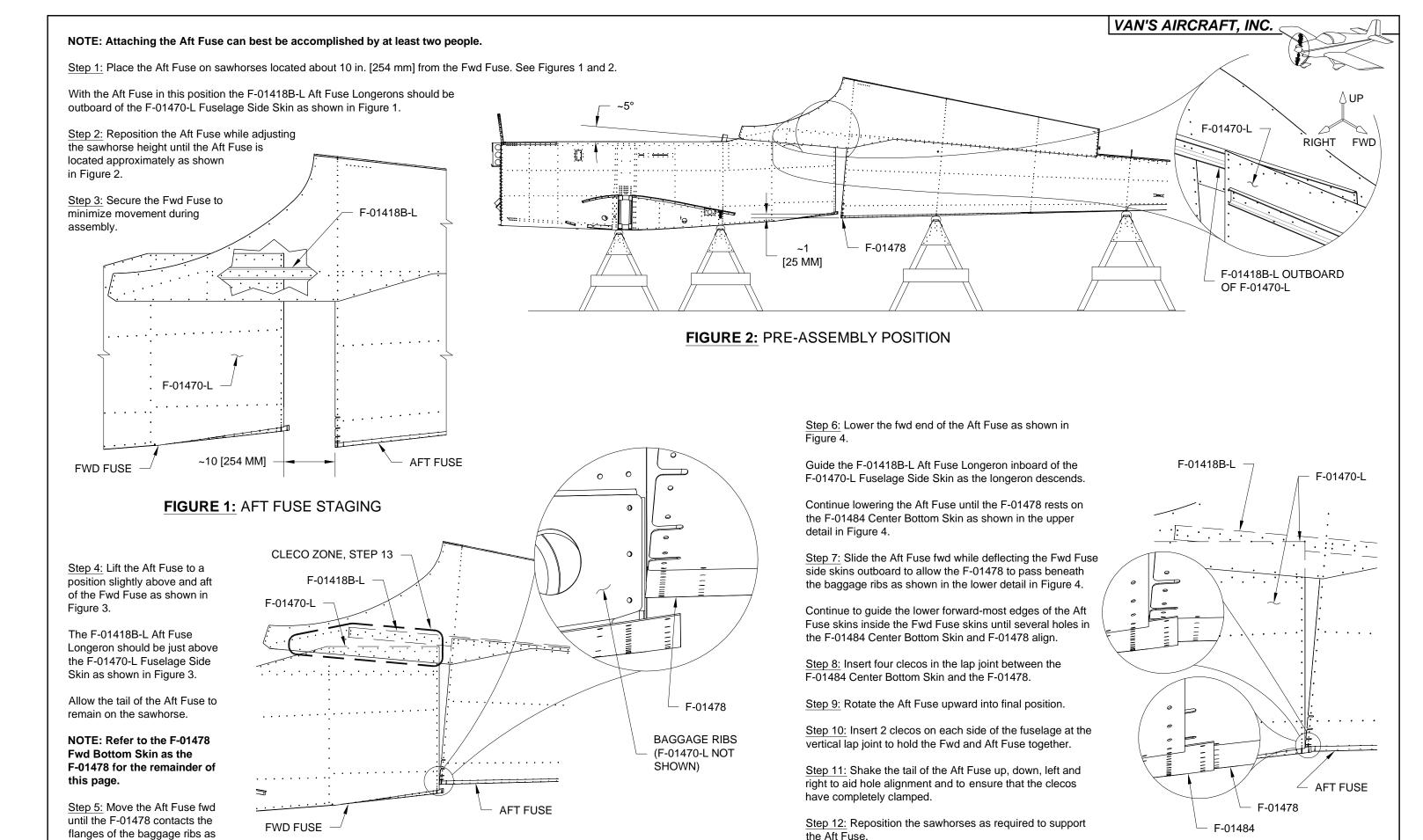


FIGURE 3: BEND AFT FUSE SIDE SKIN TAB



shown in Figure 3.

FIGURE 3: AFT FUSE TO BAGGAGE RIB CONTACT

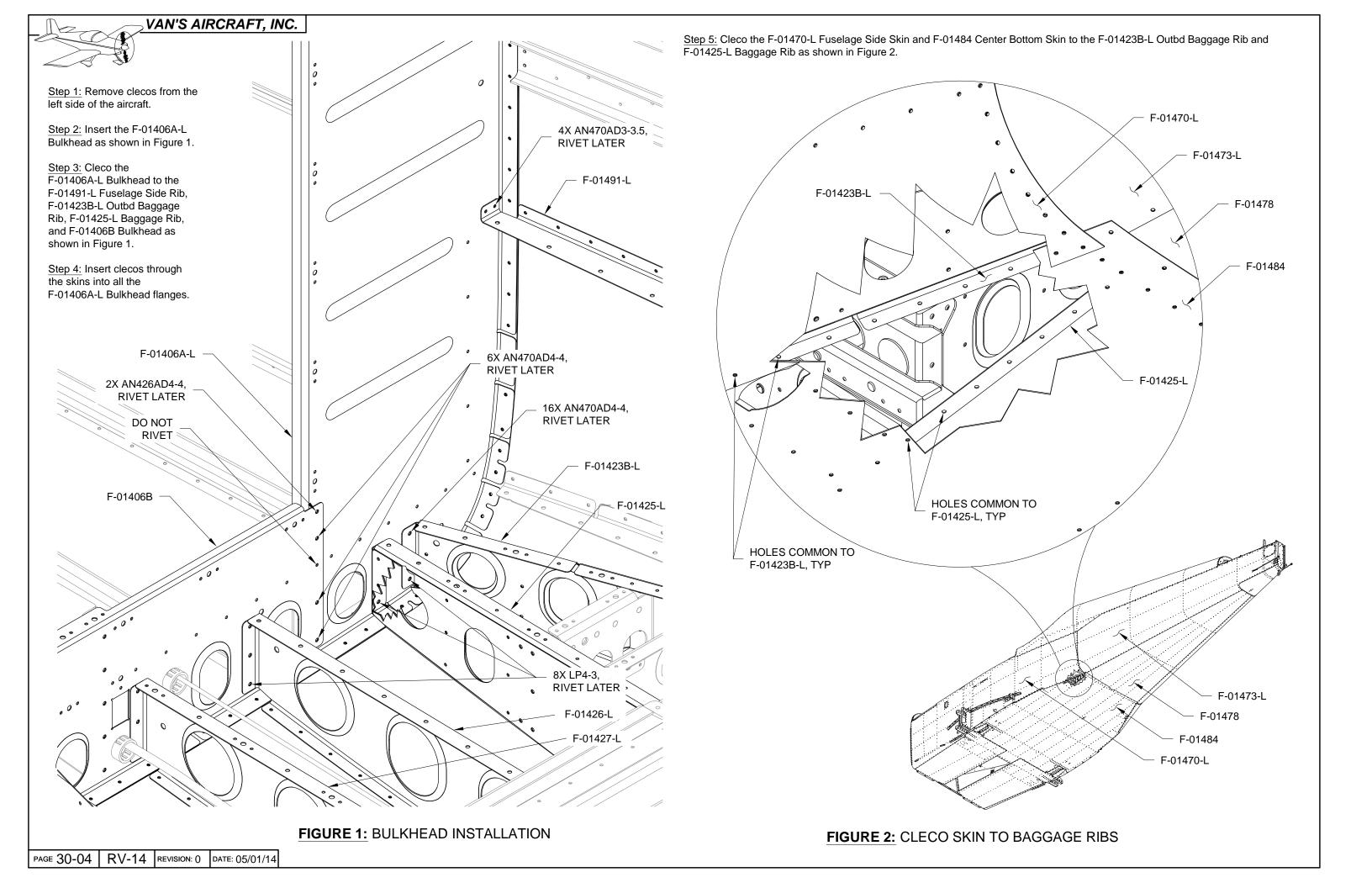
(SOME PARTS OMITTED FOR CLARITY)

FIGURE 4: AFT FUSE INSERTION

Step 13: Add clecos to the longerons fwd of the vertical lap

joint. See Figure 3 call-out.

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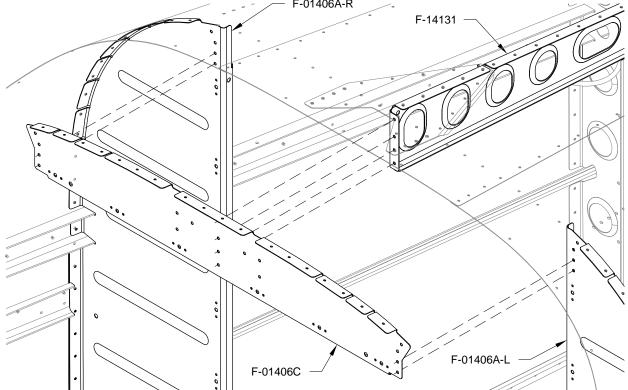


FIGURE 1: BULKHEAD INSTALLATION

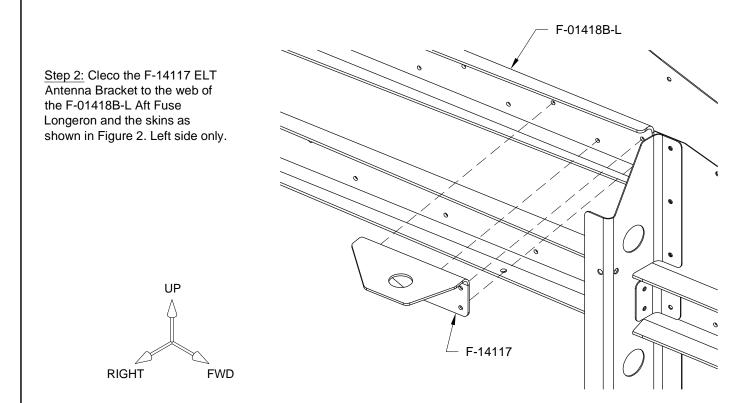


FIGURE 2: INSTALL ELT ANTENNA BRACKET

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Step 3: Separate the F-01406D Shoulder Harness Lug Clip as shown in Figure 3.

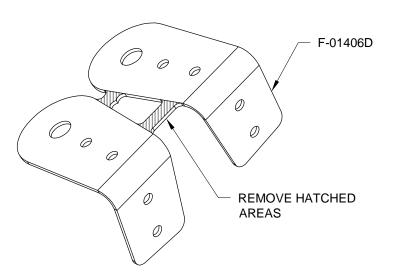


FIGURE 3: SEPARATE SHOULDER HARNESS LUG CLIPS

Step 4: Separate the F-01406E Shoulder Harness Lug as shown in Figure 4.

Step 5: Chamfer the F-01406E Shoulder Harness Lug upper edges aft of the bend as shown in Figure 4, Section A-A.

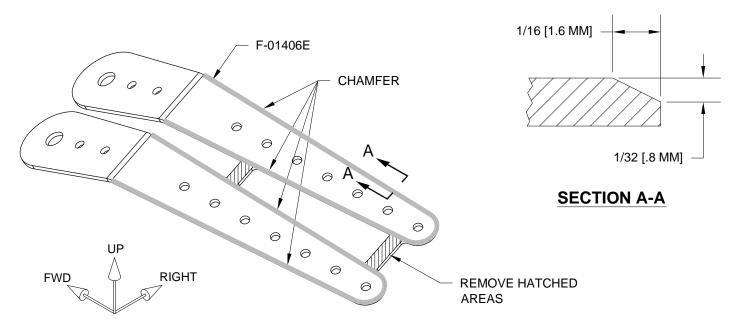
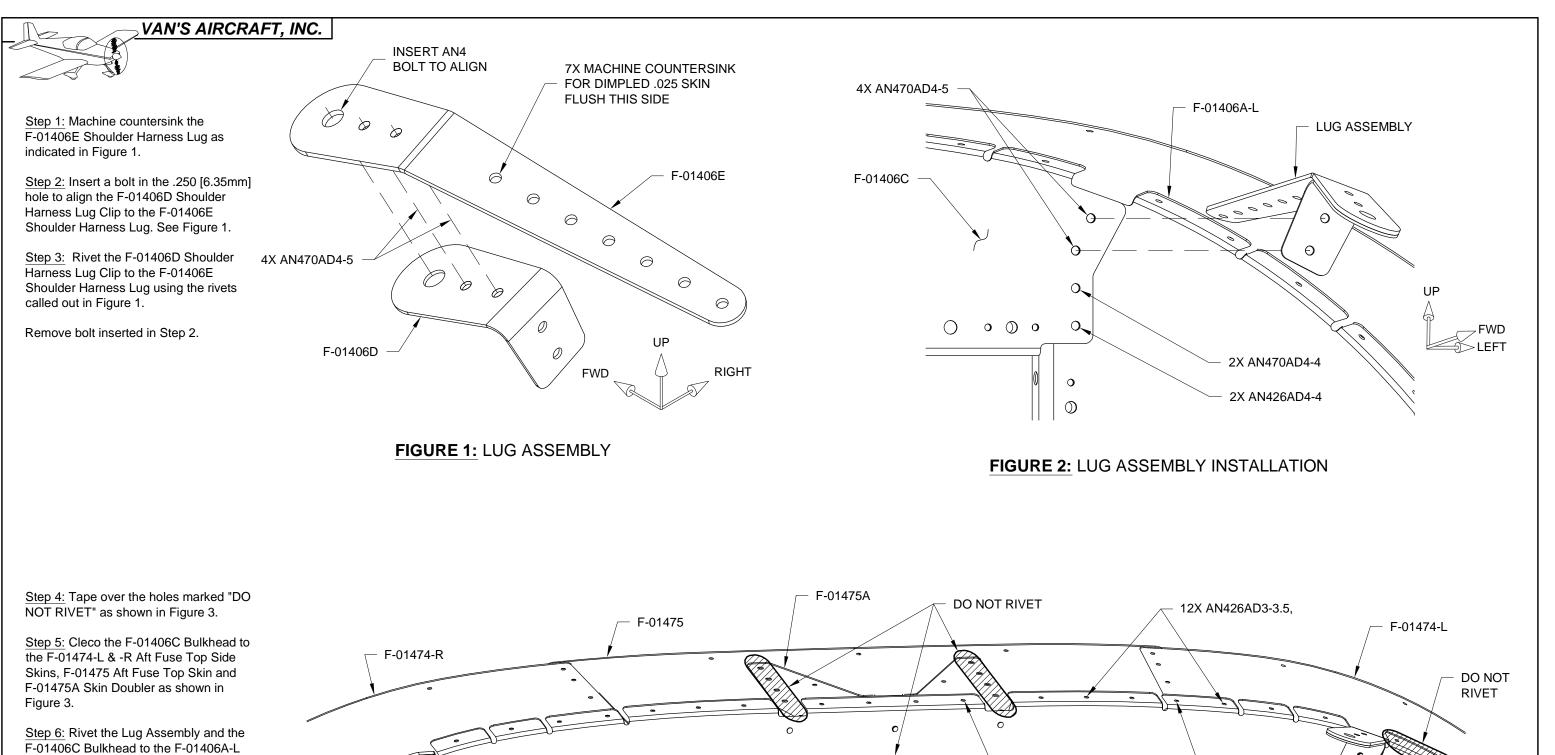


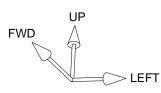
FIGURE 4: SEPARATE SHOULDER HARNESS LUGS



Bulkhead as shown in Figure 2.

Step 7: Rivet the F-01406C Bulkhead to the F-01474-L Aft Fuse Top Side Skin, F-01475 Aft Fuse Top Skin, F-01475A Skin Doubler and F-14131 Upper Aft Fuse Rib except where indicated in Figure 3.

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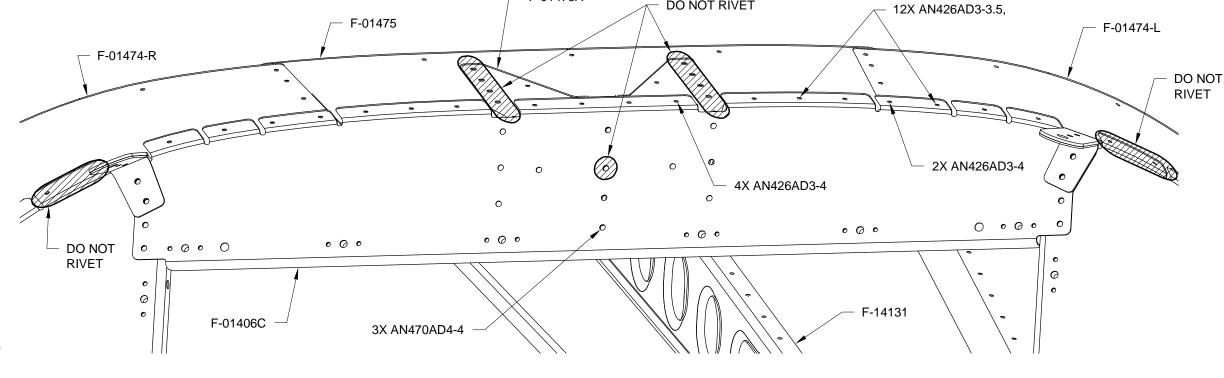
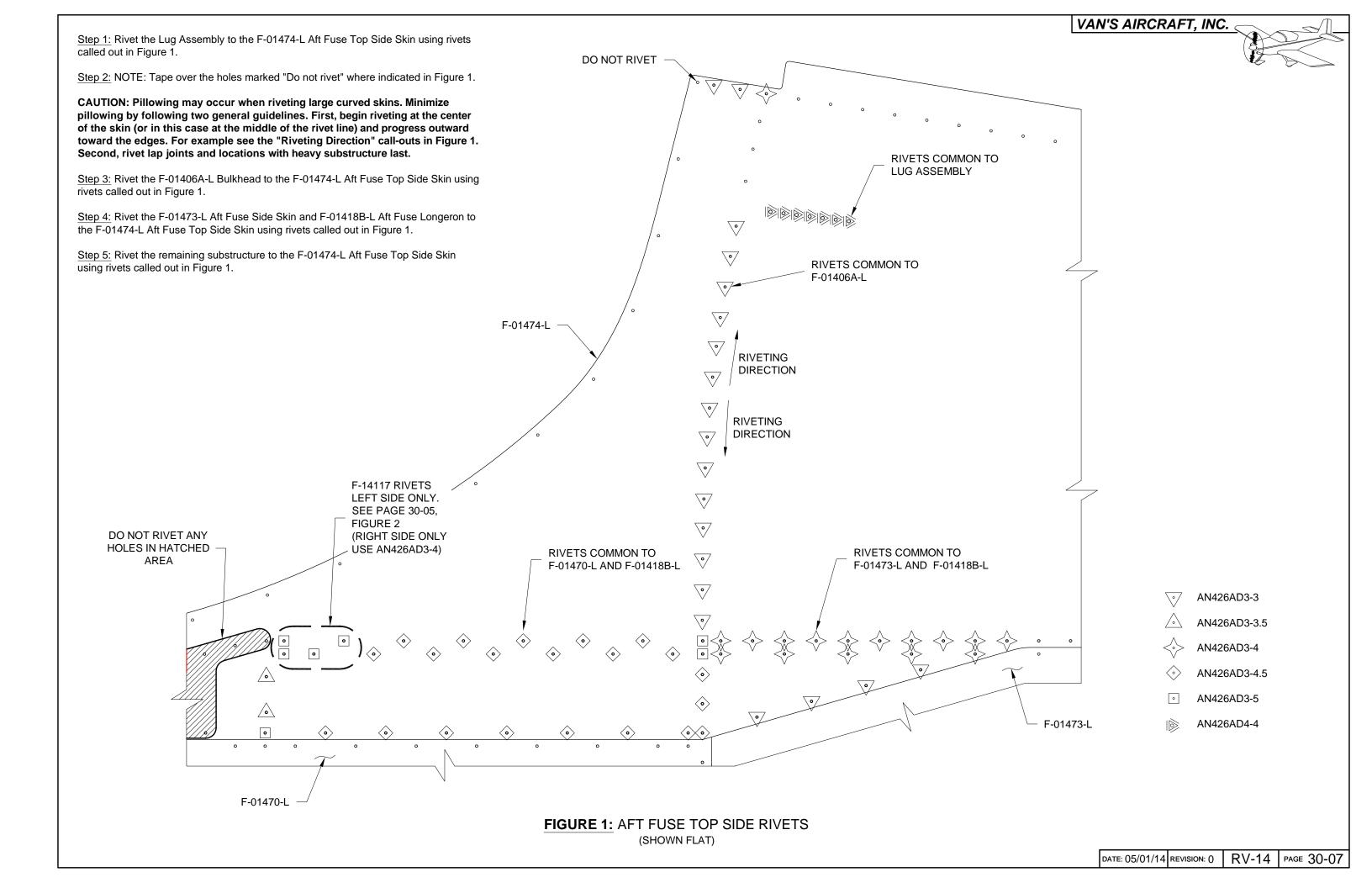


FIGURE 3: BULKHEAD INSTALLATION



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Refer to Figures 1 and 2 for rivet call-outs when completing the following steps unless otherwise noted.

<u>Step 1:</u> (Tri-Gear Only) Install the rivets common to the F-14145-L Step Attach Angle and the F-01484 Center Bottom Skin.

Step 2: Rivet the F-01406A-L Bulkhead to the F-01406B Bulkhead. See Page 30-04, Figure 1.

NOTE: Do not rivet F-01423B-I & -R at this time.

Step 3: Rivet the F-01425-L, F-01426-L, and F-01427-L Baggage Ribs to the F-01406A-L and F-01406B Bulkheads as shown on Page 30-04, Figure 1.

<u>Step 4:</u> Rivet the F-01470-L Fuselage Side Skin and the F-01484 Center Bottom Skin to the substructure except at the lap joints.

NOTE: When riveting around the F-01470-L Fuselage Side Skin lower radius remove the aft five clecos from the F-01423B-L Outbd Baggage Rib to allow the aft end of the rib to bend out of the way for bucking bar access.

Step 5: Rivet the F-01470-L Fuselage Side Skin to the F-01473-L Aft Fuse Side Skin, and F-01406A-L Bulkhead along the vertical lap joint. Rivet the group of six rivets in the lower radius last.

Step 6: Rivet the F-01484 Center Bottom Skin to the F-01478 Aft Fuse Forward Bottom Skin and all corresponding substructure along the horizontal lap joint.

Step 7: Rivet the F-01423B-L Baggage Rib to the F-01406A-L Bulkhead as shown on Page 30-04, Figure 1.

Step 8: Rivet the F-01470-L Fuselage Side Skin to the F-01484 Center Bottom Skin and to the F-01423B-L Baggage Rib lower flange as shown on Page 30-04, Figure 2.

