







VAN'S AIRCRAFT, INC. Step 1: Remove the tailcone from the mid fuselage and the F-1006 Bulkhead from the tailcone. Deburr all holes that have been drilled Step 11: Cleco the tailcone to the mid fuselage, then according to this section, and remove any chips from between the F-1070 Mid Side Skins and the F-1046 Mid Fuse Longerons. bolt the F-1046 Mid Fuse Longerons to the F-1032 Tailcone Longerons using the same hardware as Step 2: Dimple the holes in the skin flanges of the F-1006A, B, C, and D Bulkheads. Do not dimple the holes in the two tabs on both F-1006A and C Bulkheads which back-up the F-1032 and F-1046 Longerons. NOTE: The F-1074 Tailcone Forward Top Skin is Step 3: In all of the skins, dimple the holes which are common to the flanges of the F-1006A, B, C, and D Bulkheads. riveted after the upper cabin is installed in a later section. Rivet call-outs for the other skins are Step 4: Dimple the aft most row of holes in the F-1077 Mid Bottom Skin (see Figure 2) and the corresponding holes in the F-1078 Tailcone found on Page 33-6. Forward Bottom Skin. Step 12: Rivet the skins to the F-1006A, B, and C DO NOT SET Step 5: Dimple the ten holes along the top edge of the triangular, projected portion of the F-1073-L Tailcone Side Skin (see Figure 1). Dimple Bulkheads. As indicated in Figure 2, do not set the **RIVETS IN THESE** the corresponding holes in the F-1070-L Mid Side Skin. three rivets at the top of the F-1070-L and -R Mid THREE HOLES Side Skins which are common to the F-1074 Tailcone Step 6: Dimple the three holes in both sides of the F-1074 Tailcone Forward Top Skin (see Page 33-4, Figure 3) which are common to the Forward Top Skin. F-1046 Mid Fuse Longerons. Step 13: Set the rivets in the row of holes along the F-1070<mark>-L</mark> Step 7: If not already done, set rivets in the six indicated holes (see Figure 1) in the F-1078 Tailcone Forward Bottom Skin, the F-1029 aft edge of the F-1077 Mid Bottom Skin. Bellcrank Ribs, and the F-1047 Stiffeners using the rivets called-out. Step 14: Finish riveting the aft portion of the F-1077 F-1023-L Mid Bottom Skin to the F-1019, -1020, and -1021 Step 8: Rivet the two nutplates to the small flange of the F-1006B Bulkhead using the rivets called-out in Figure 1. Baggage Ribs. Step 9: Rivet the F-1006B Bulkhead to the F-1006A and C Bulkheads using the rivets called-out in Figure 1. DO NOT set any rivets in the holes indicated in the figure. Step 15: Rivet the F-1070-L Mid Side Skin to the F-10100A Baggage Door Shim and F-1023 L Step 10: Rivet the F-1006B Bulkhead to the F-1029 Bellcrank Ribs using the rivets called-out in Figure 1. Baggage Floor Angle. Step 16: Rivet the F-1070-L and -R Mid Side Skins to the F-1046-L and -R Mid Fuse Longerons respectively. Again, as indicated in the Figure 2, do AN470AD4-4 not set any rivets in the holes which are common to F-1006B TO the F-1074 Tailcone Forward Top Skin. F-1006A AND C RIVETS. 6 PLACES/ SIDE F-1078 FIGURE 2: RIVETING DO NOT AFT EDGE OF F-1077 THE SKINS RIVET Step 17: Rivet the F-1019, -1020, and -1021 Baggage Ribs to the F-1006B Bulkhead using the rivets called-out in AN470AD4-4 Figure 3. 4 PLACES/ RIB Step 18: Install the two snap bushingscalled-out F-1021-R in Figure 3. F-1019-L F-1078 F-1019-R AN426AD3-3.5 F-1073-L 2 PLACES/ NUTPLATE F-1047F-L K1000-08 F-1020-R DIMPLE THESE 2 PLACES HOLES IN F-1073-L AN426AD4-4 AND F-1070-L TOP HOLE F-1029 TO F-1006B. (STEP 6) **REMAINING HOLES IN F-1029** AN470AD4-4 DO NOT RIVET FIGURE 1: RIVETING FIGURE 3: RIVETING THE THE F-1006B BULKHEAD **BAGGAGE RIBS** DATE: 07/24/14 REVISION: 0 **RV-10** PAGE 32-5

