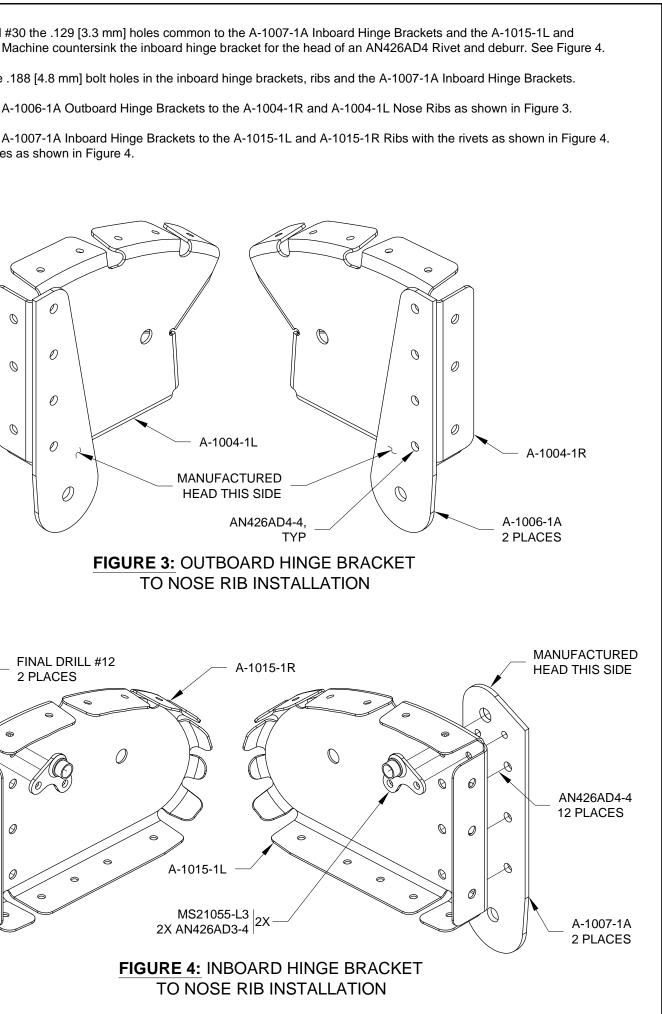
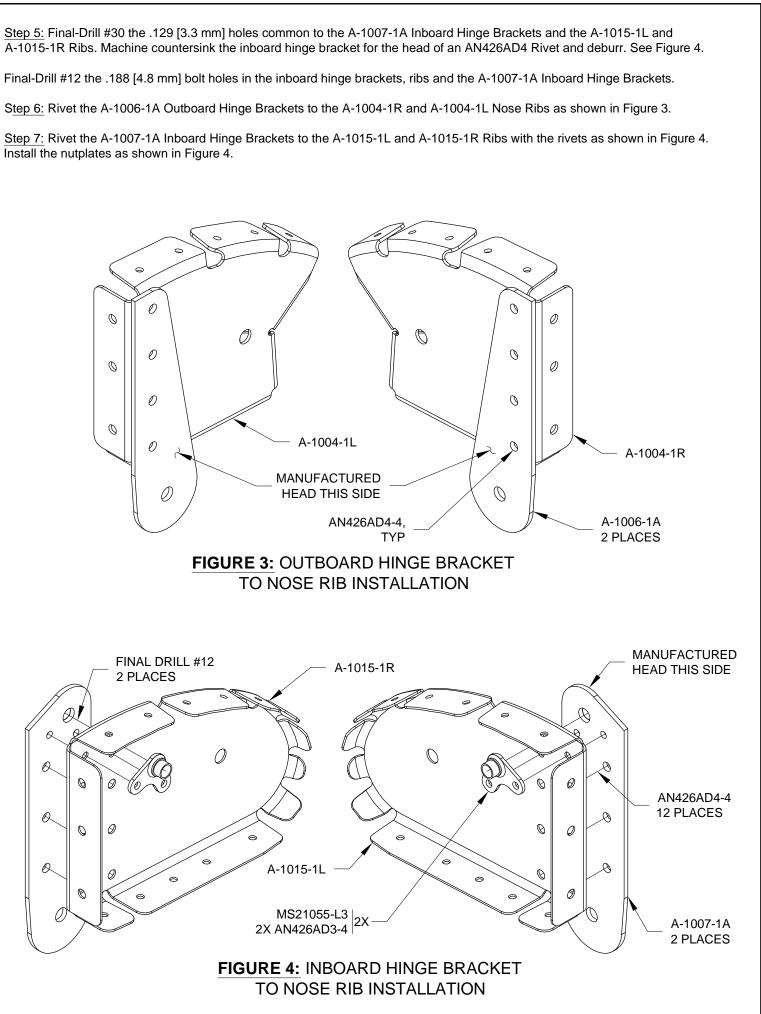
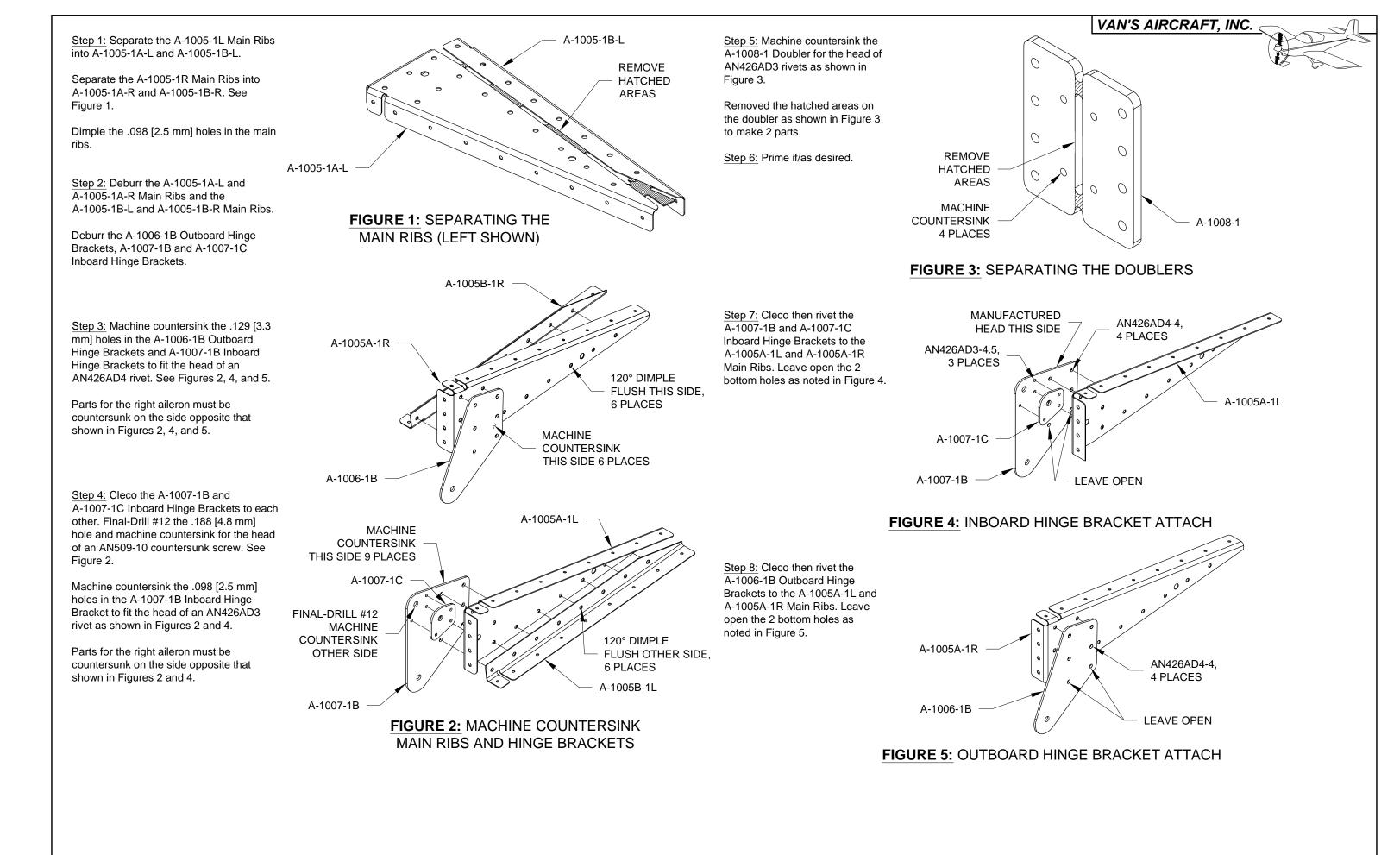


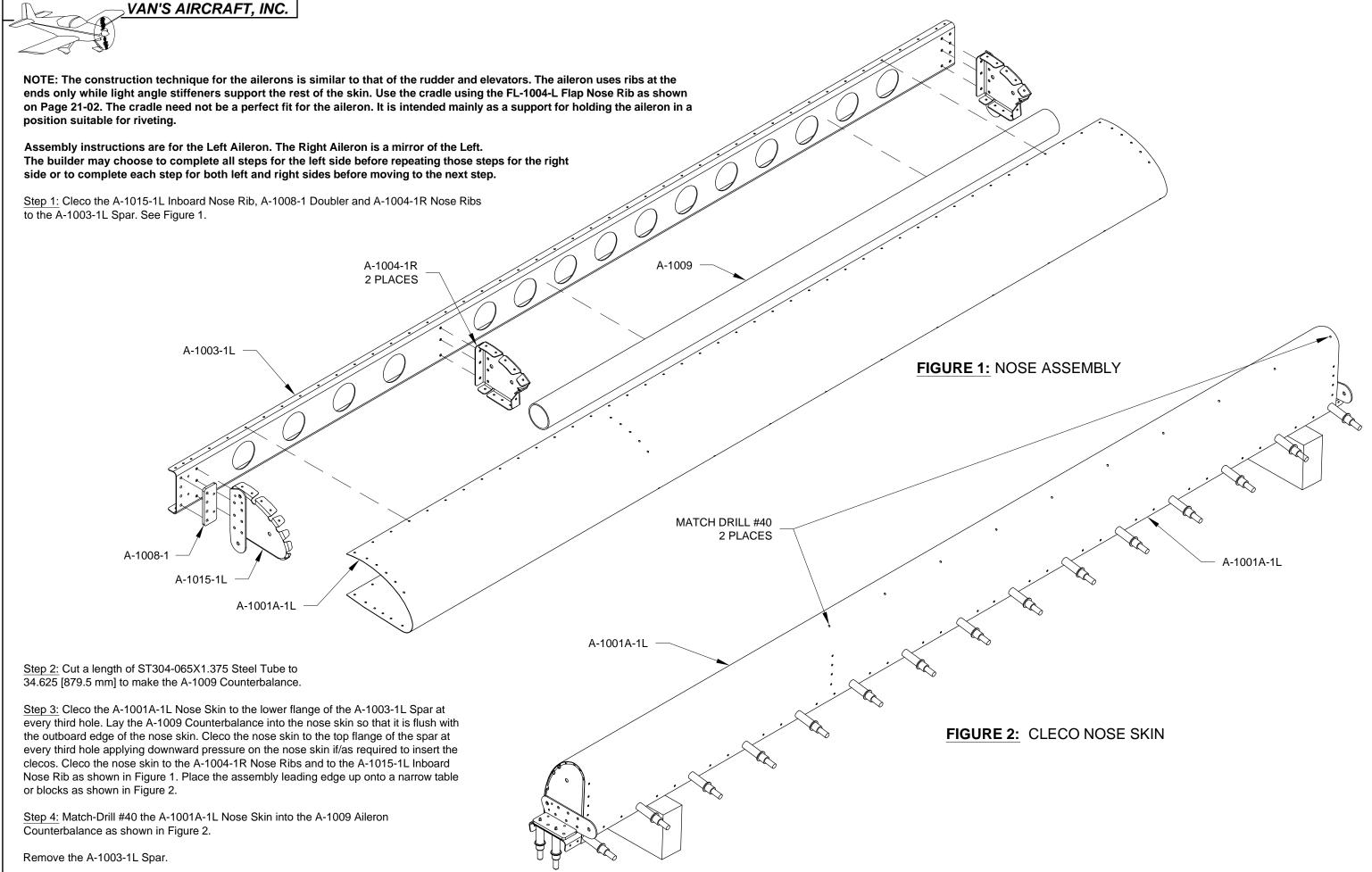
Install the nutplates as shown in Figure 4.





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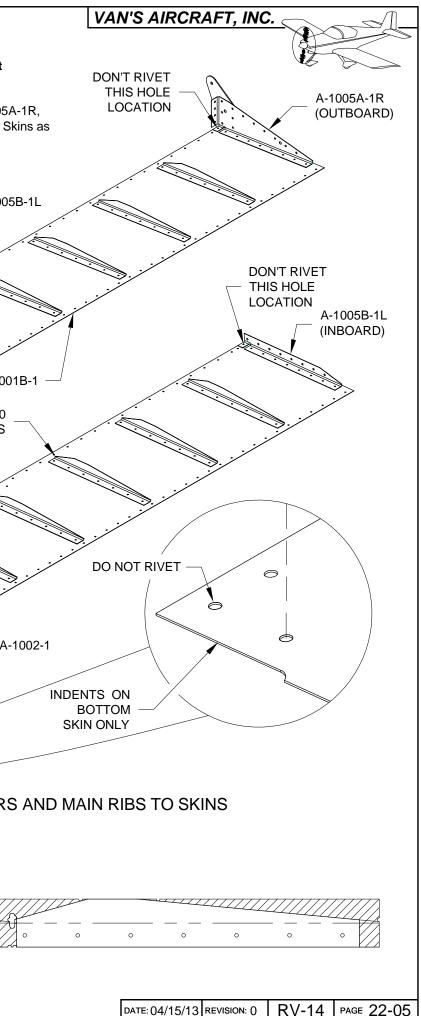
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CAUTION: Be careful to dimple the skins in the correct direction. Step 1: Match Drill #40 the holes in the lower tab of the A-10004-1R Nose Ribs into the A-1009 Counterbalance as shown in Figure 1. NOTE: If electing to prime, leave the skins unprimed in the area where they will contact the A-1011 Trailing Edge because adhesive will be applied.

Cleco the A-1009 Counterbalance to the A-1004-1R Nose Ribs. Remove the A-1001A-1L Nose Skin.

4 PLACES

Step 6: Deburr and dimple the holes common to the A-710 Stiffeners, the A-1005A-1L, A-1005A-1R, EXTENDED A-1005B-1L and A-1005B-1R Main Ribs and the A-1001B-1 Top Skins and A-1002-1 Bottom Skins as MATCH DRILL, #40 DRILL BIT shown in Figure 3. A-1004-1R 4 PL Step 7: Prime the A-1001B-1 Top Skins, A-1002-1 Bottom Skins, and A-710 Stiffeners. Step 8: Rivet the A-710 Stiffeners, the A-1005A-1L and A-1005A-1R Main Ribs, and the A-1005B-1L and A-1005B-1R Main Ribs to the A-1001B-1 Top Skin and A-1002-1 Bottom Skin using the back-riveting method described in Section 5.6. A-1004-1R See Page 22-09, Figures 4 and 5 for rivet call-outs. A-710 8 PLACES COUNTERBALANCE A-1005A-1L (INBOARD) A-1001B-1 DON'T RIVET THIS HOLE A-710 LOCATION 8 PLACES FIGURE 1: INBOARD DRILL COUNTERBALANCE EDGE AN526C632R8 4X A-1001A-1L AN365-632A A-1005B-1R (OUTBOARD) Step 2: Use an extended #40 drill bit to mark the A-1009 Counterbalance to A-1004-1R Nose Rib attach holes on the spar by leaning the drill in alongside the rib as shown in Figure 1. Remove the counterbalance. Final-Drill #27 the marked holes and the two #40 holes in the DO NOT RIVET counterbalance. Final-Drill #27 the four corresponding holes in the nose ribs. Attach the counterbalance to the nose ribs using the hardware called out in Figure 1. If you have difficulty getting a screwdriver on the head of the screw use an offset screwdriver or a Phillips bit tip held in Vise-Grip pliers at 90°. Step 3: Cleco the A-1001A-1L Nose Skin and A-1003-1L Spar to the A-1004-1R Nose Ribs, A-1015-1L Inboard Nose Rib, and A-1003-1L Spar. Match-Drill #40 into the counterbalance along its length using the holes in the leading edge of the nose skin as drill guides. Start drilling at one end. Insert a cleco after each hole is drilled to prevent the counterbalance from being pushed away from the skin. Final-drill #30 these holes. See Page 22-04, Figure 2 for hole locations. Step 4: Remove the A-1001A-1L Nose Skin. FIGURE 3: ATTACHING STIFFENERS AND MAIN RIBS TO SKINS Remove the A-1004-1R Nose Ribs and A-1015-1L Inboard Nose Rib from the spar. Step 5: Final-Drill #40 all the .094 [2.4 mm] holes in the A-710 Stiffeners. Cut the stiffeners from the angle strip provided and trim as shown in Figure 2. The angle strip is shown unbent for clarity. 13/32 FIGURE 2: CUT OUT SKIN STIFFENERS [10.3 mm]

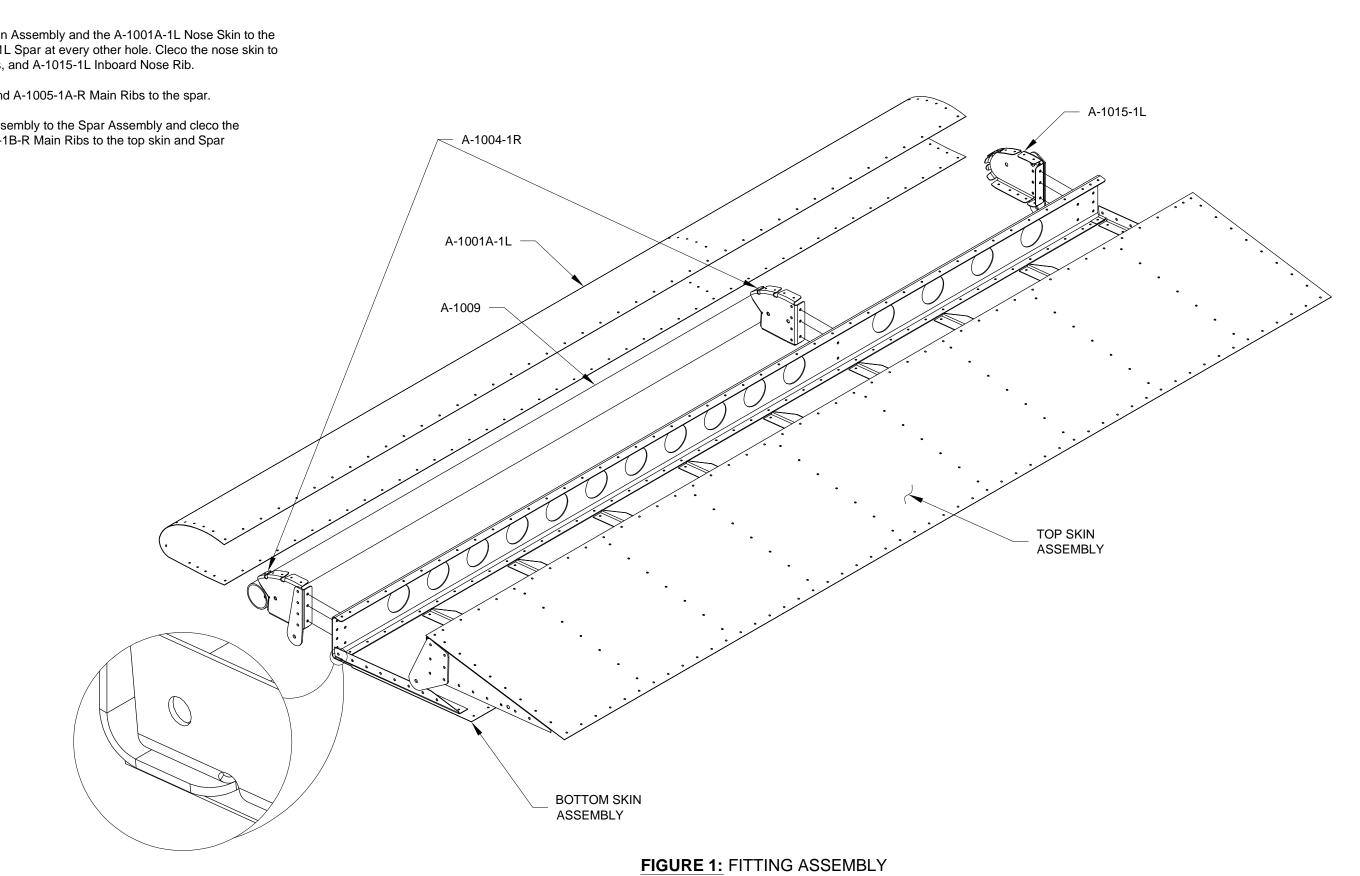


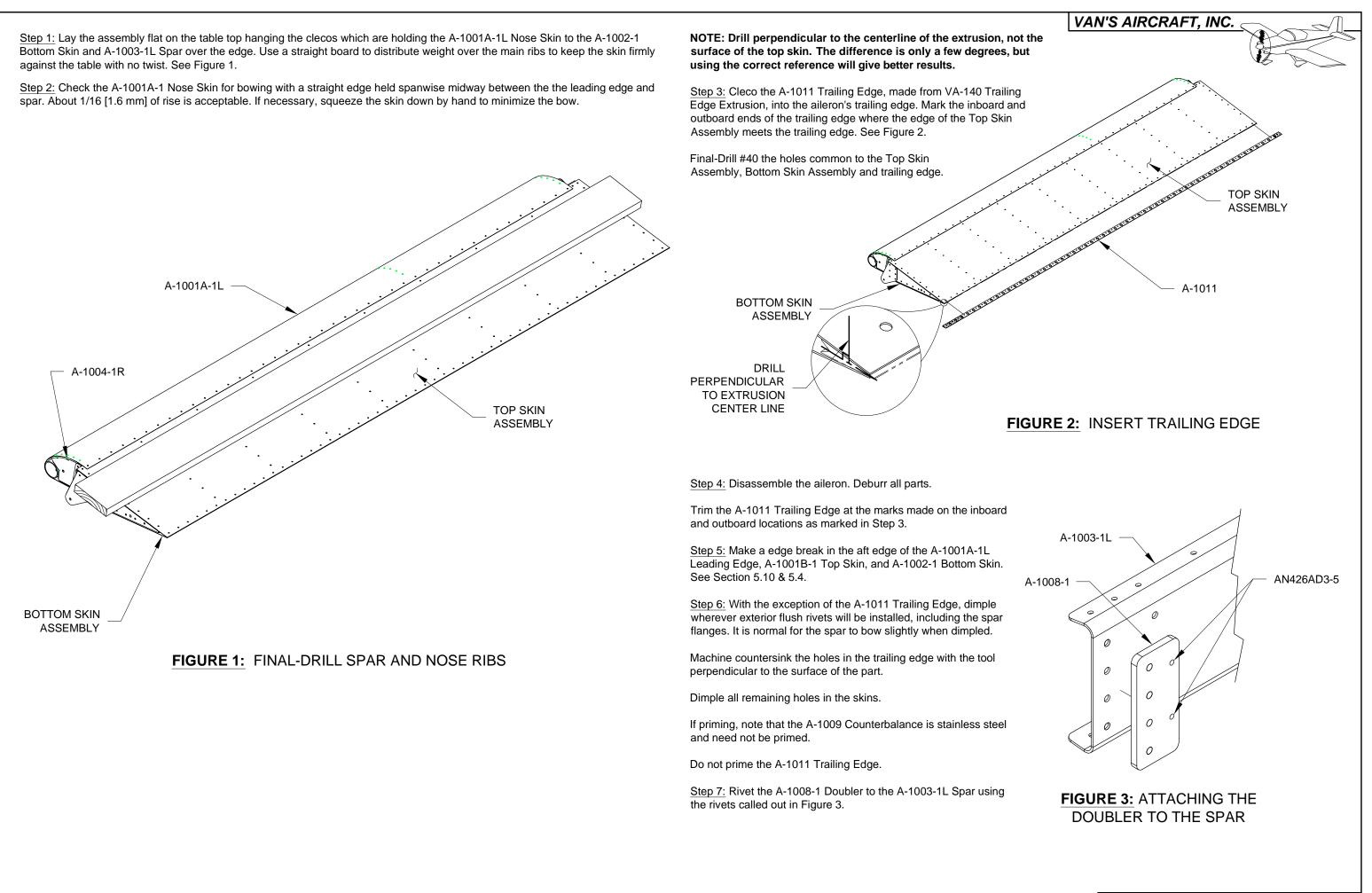
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Step 1: Cleco the Top Skin Assembly and the A-1001A-1L Nose Skin to the top flange of the A-1003-1L Spar at every other hole. Cleco the nose skin to the A-1004-1R Nose Ribs, and A-1015-1L Inboard Nose Rib.

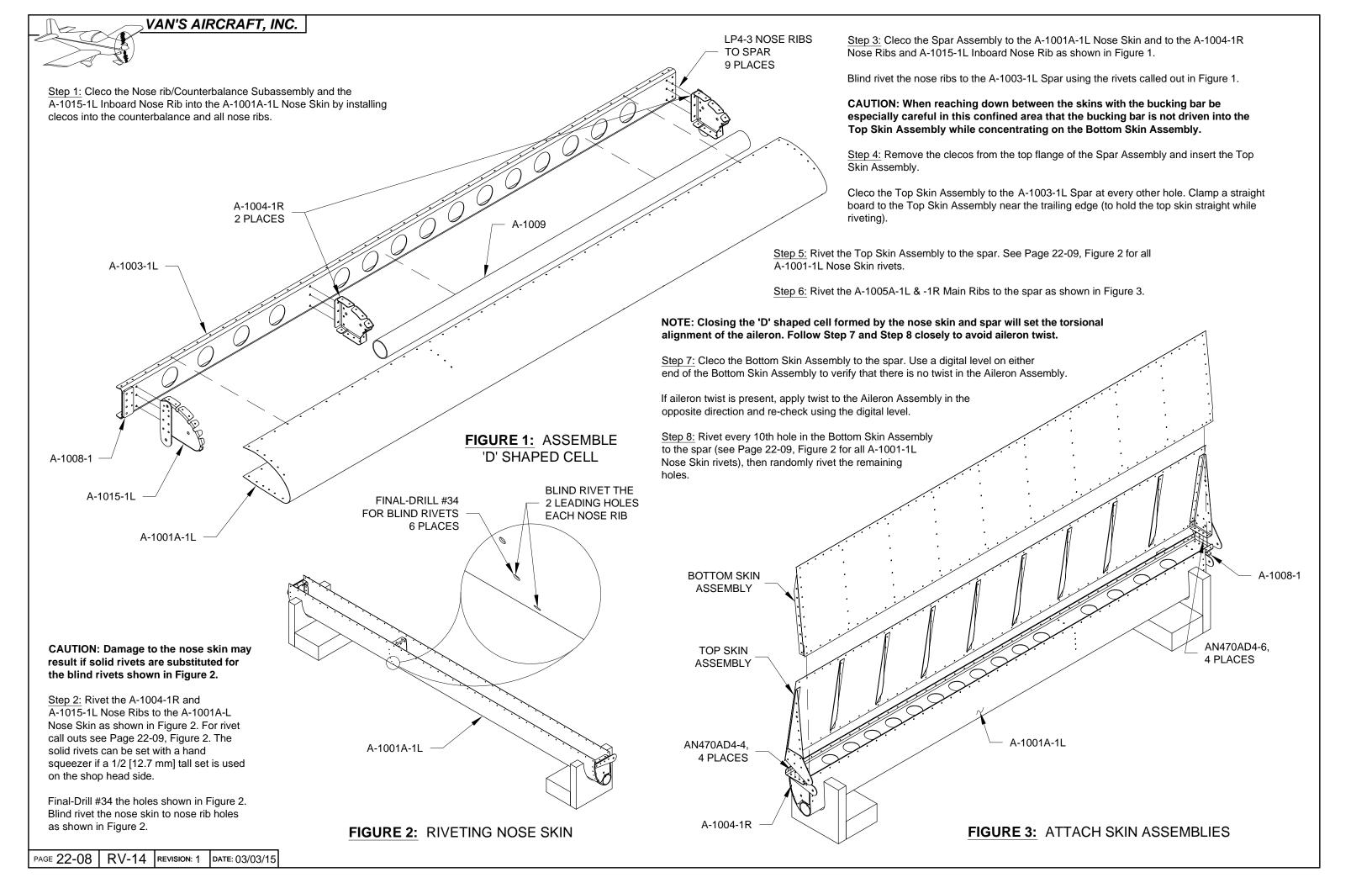
Cleco the A-1005-1A-L and A-1005-1A-R Main Ribs to the spar.

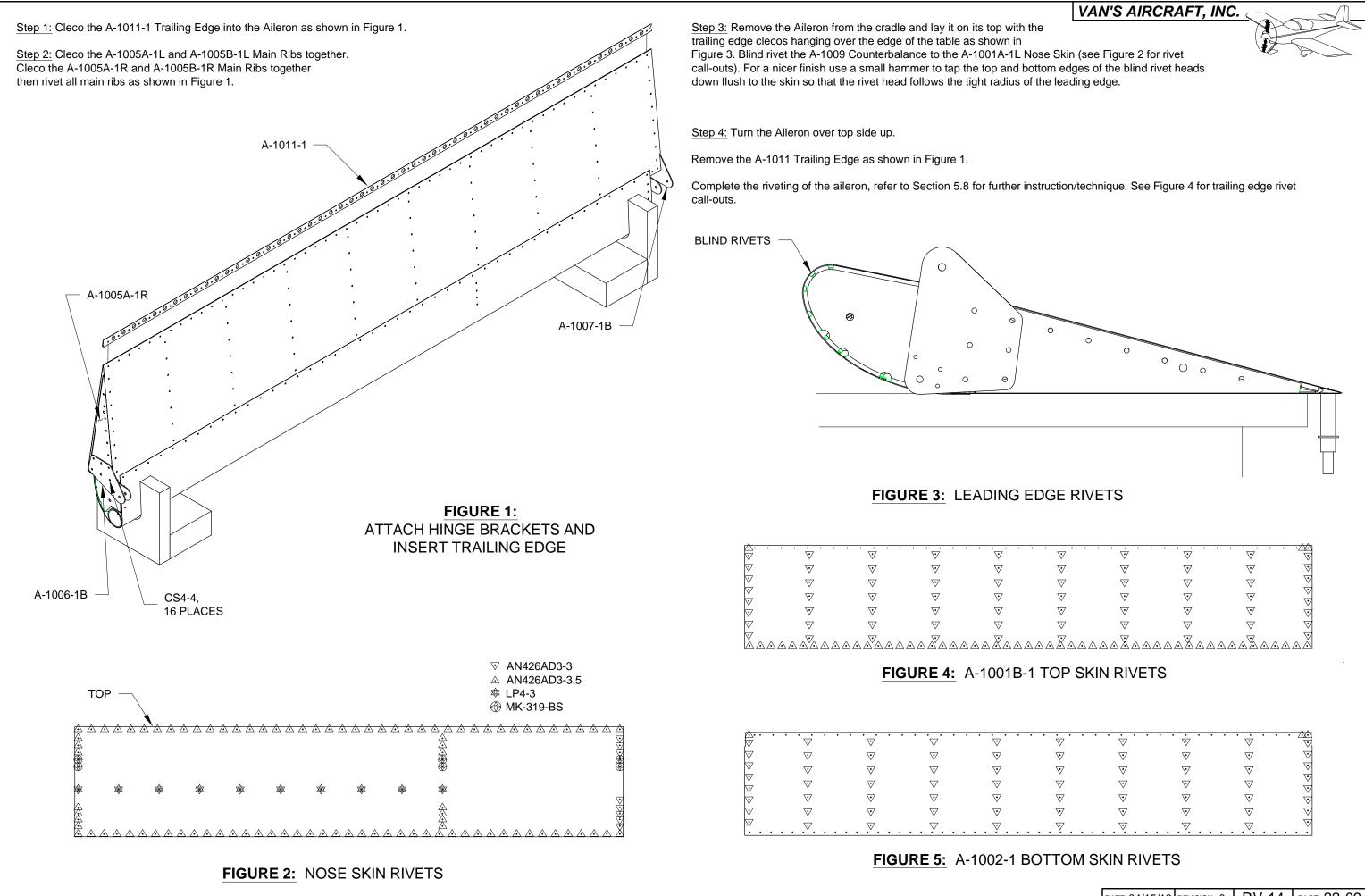
Cleco the Bottom Skin Assembly to the Spar Assembly and cleco the A-1005-1B-L and A-1005-1B-R Main Ribs to the top skin and Spar Assembly.





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01B-1 TOP SKIN RIVETS									
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2-1 BOTTOM SKIN RIVETS DATE: 04/15/13 REVISION: 0 RV-14 PAGE 22-09									
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