

NOTE: Use the parts shown in Figure 1 to produce two Control Column Mount Assemblies as follows:

Step 1: Carefully deburr the edges and holes of the F-1233A and F-01233B-L-1 & -R-1 so that the parts fit together tightly.

Step 2: Machine countersink the four holes surrounding the bearing hole in each F-01233B-L-1 & -R-1 for the double flush rivets called out.

Machine countersink the indicate #30 hole in the sloped flange of the F-01233B-L-1 & -R-1 for the dimples in the F-01203F (see Page 32iS/U-09).

<u>Step 3:</u> Assemble and rivet the parts as shown. Note the location of the indicated hole that orients the top of the F-1233A.

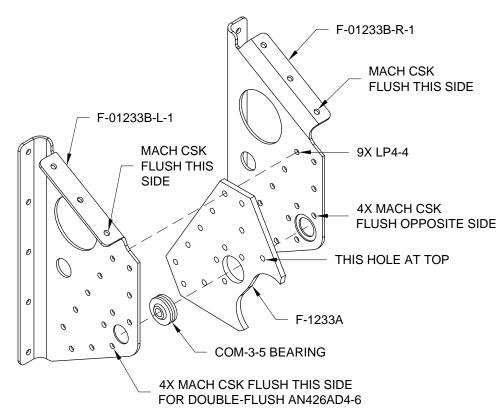


FIGURE 1: CONTROL COLUMN MOUNT ASSEMBLY (TWO ASSEMBLIES REQUIRED)

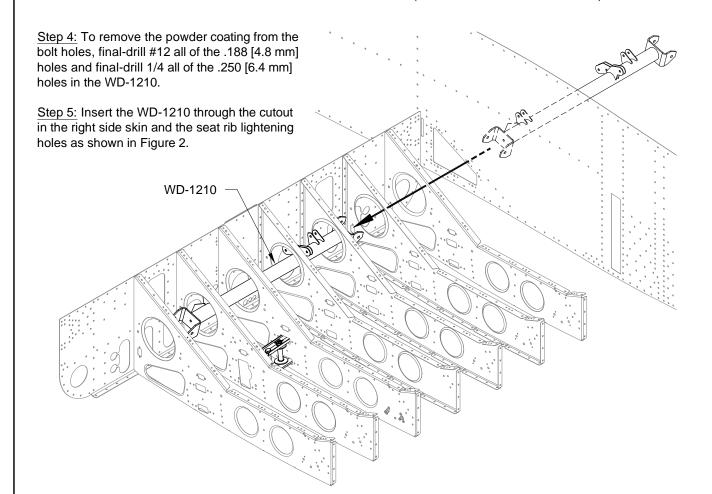


FIGURE 2: INSERTING THE CONTROL COLUMN

Step 6: Except for the indicated top holes, rivet the Control Column Mount Assemblies to the F-01203A-1 Bulkhead as shown in Figure 3. Place the manufactured heads on the bulkhead.

Step 7: Attach the WD-1210 to the Control Column Mount Assemblies as shown in Figure 3. Use the thick/thin washers to adjust the spacing in order to minimize the side load on the bearings after the bolts are torqued. Small pieces of tape can be used to hold the washer pairs during installation. Attach one side first, then the other side.

NOTE: A small side load on a bearing can dramatically increase friction and even a small amount of friction can be detrimental to control feel

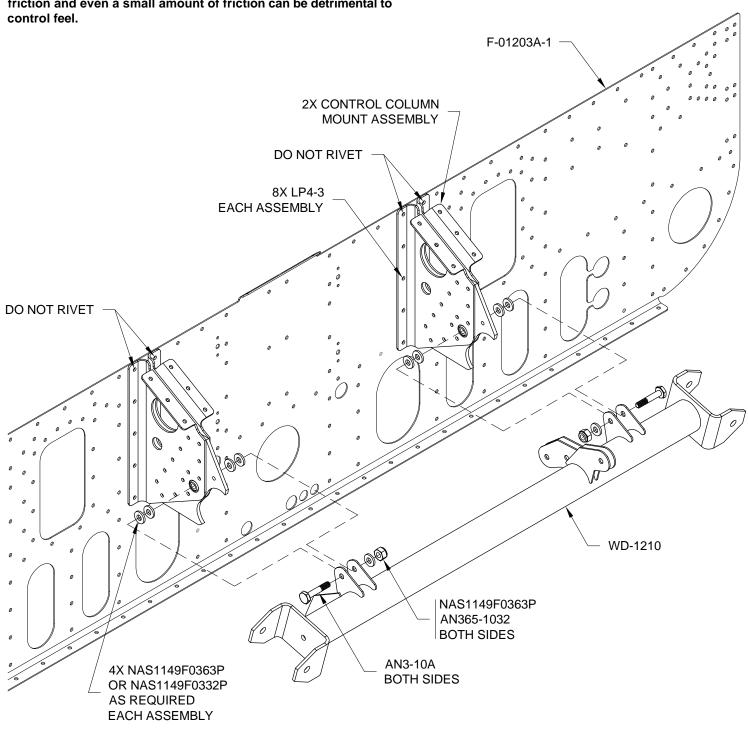
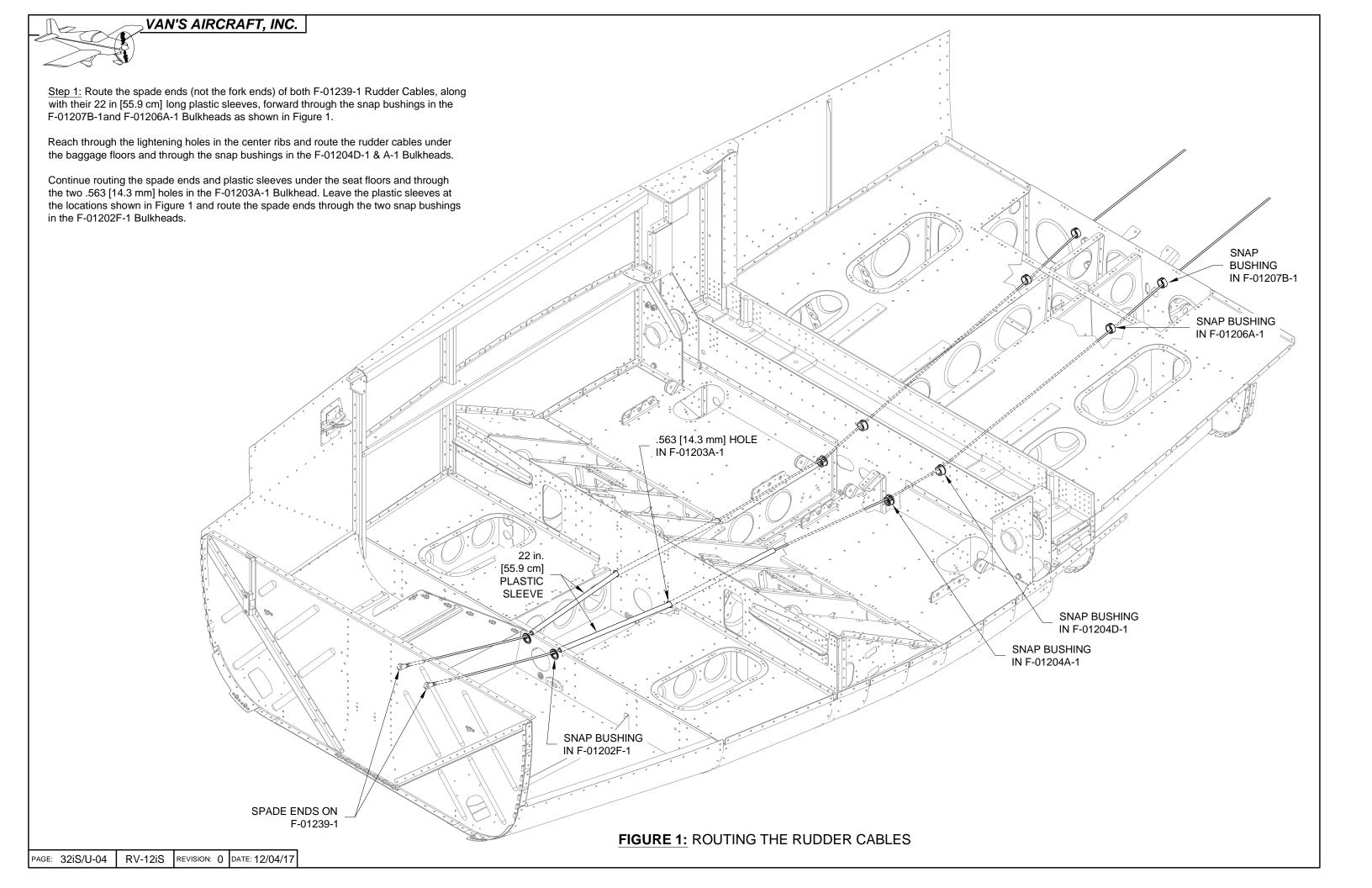
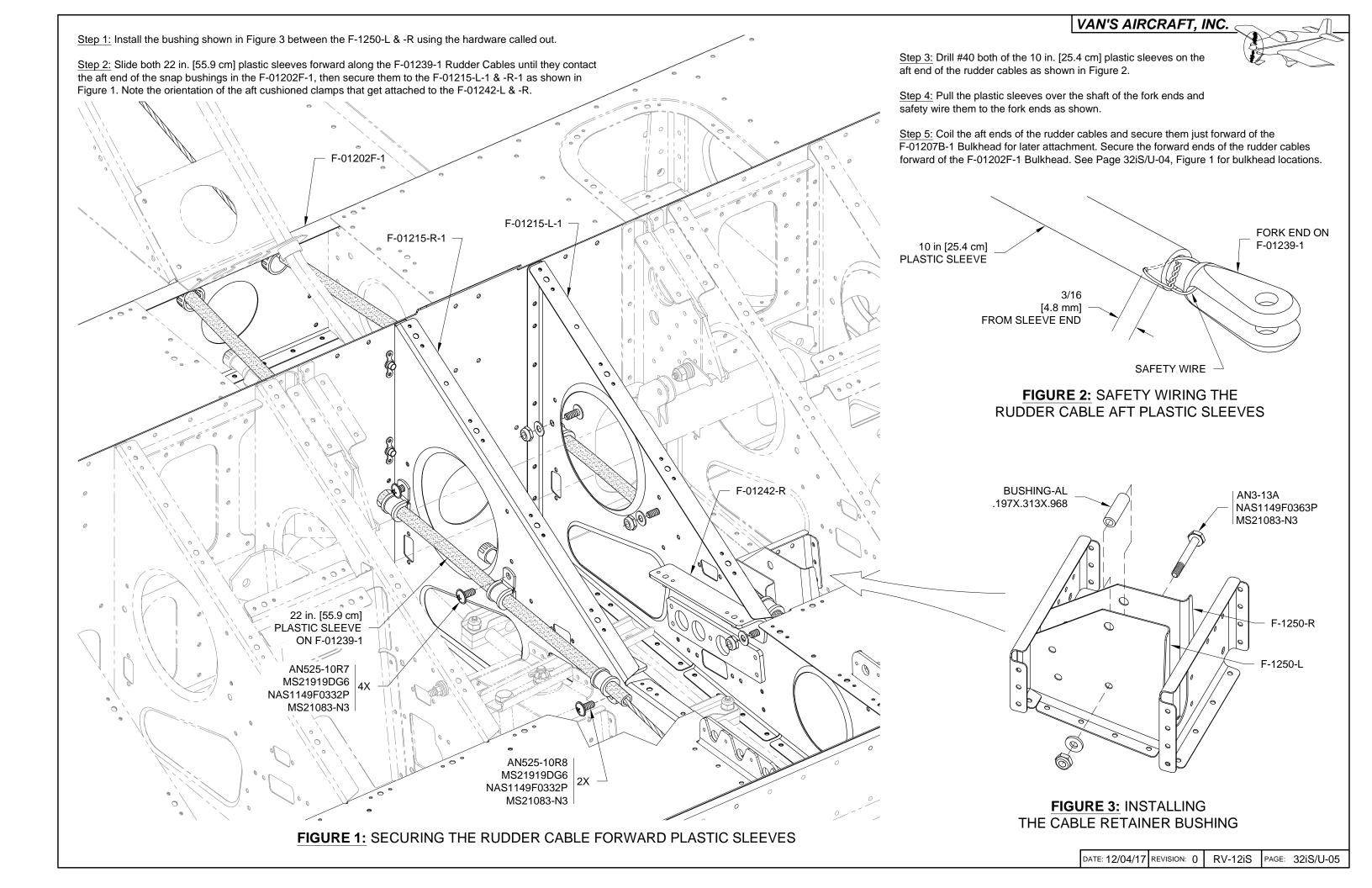


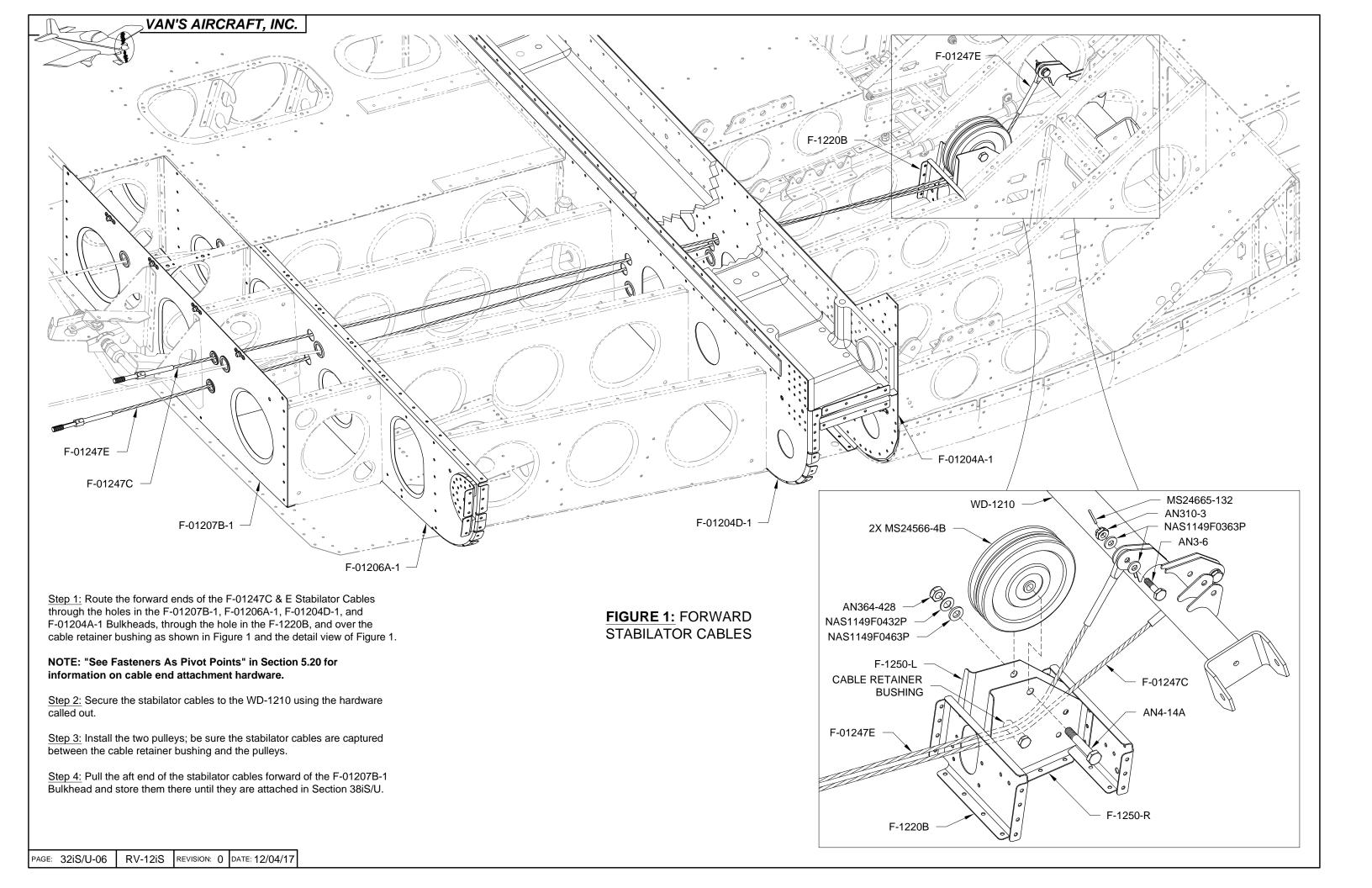
FIGURE 3: ATTACHING THE CONTROL COLUMN

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Step 1: Separate the F-01263-1 Flaperon Mixer Bellcrank into individual parts by removing the hatched areas shown in Figure 1.

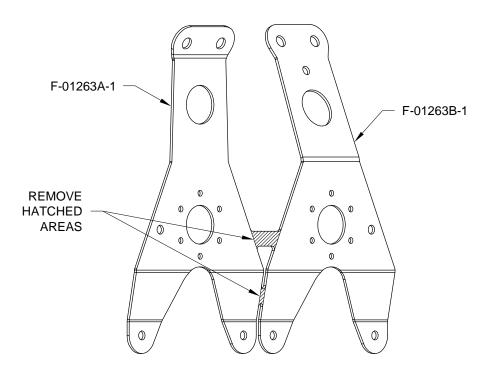


FIGURE 1: SEPARATING THE FLAPERON MIXER BELLCRANK

 $\underline{\text{Step 2:}}$  Rivet the VA-146 Flange Bearings to the F-01263A-1 & B-1 as shown in Figure 2.

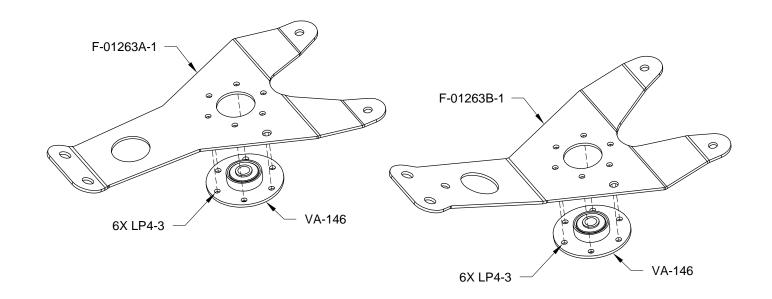


FIGURE 2: ATTACHING THE FLANGE BEARINGS

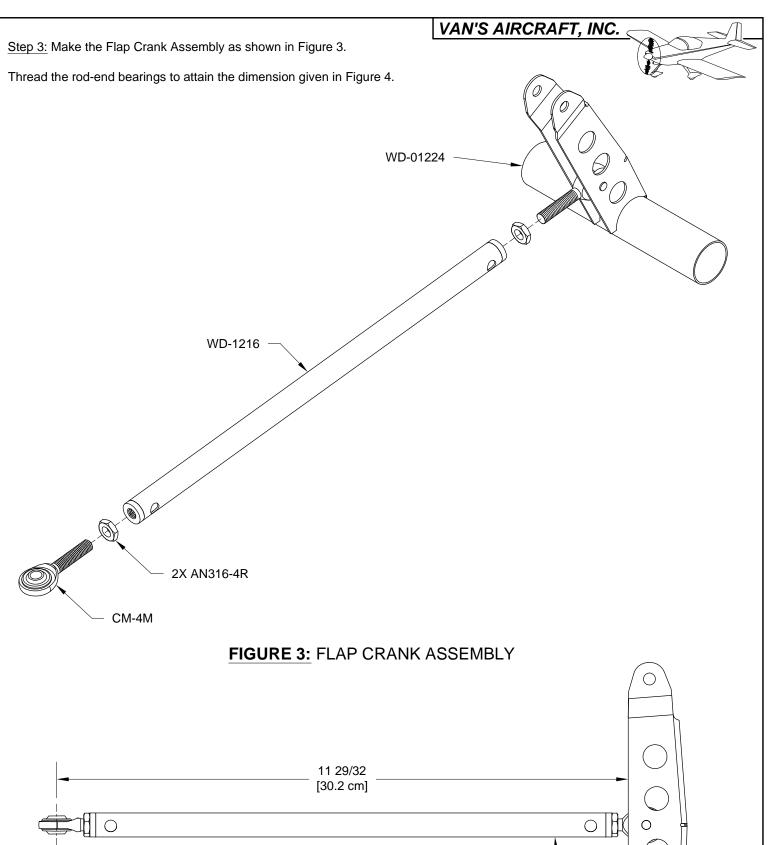
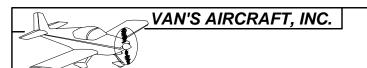


FIGURE 4: FLAP CRANK ASSEMBLY PUSHROD LENGTH

90.0°



Step 1: Trim the corners from the two F-1262 as shown in Figure 1.

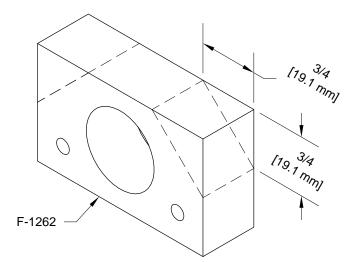


FIGURE 1: TRIMMING THE FLAP HANDLE BLOCKS

Step 2: Secure the Flap Crank Assembly to the inboard F-01215-L-1 & -R-1 using the F-1262 as shown in Figure 2.

Step 3: Attach the F-01263A-1 & B-1 and Flap Crank Assembly to the F-01219A-1 & B-1 (previously installed in Section 21iS/U) as shown in Figure 2.

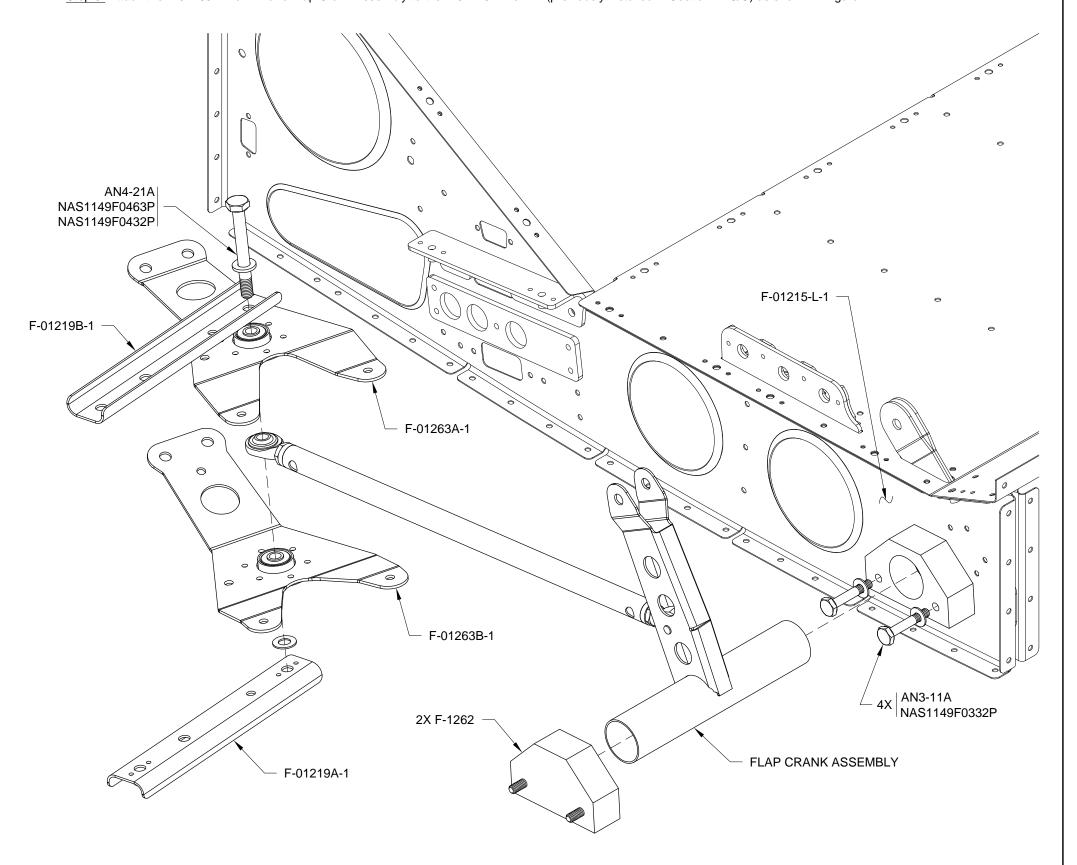
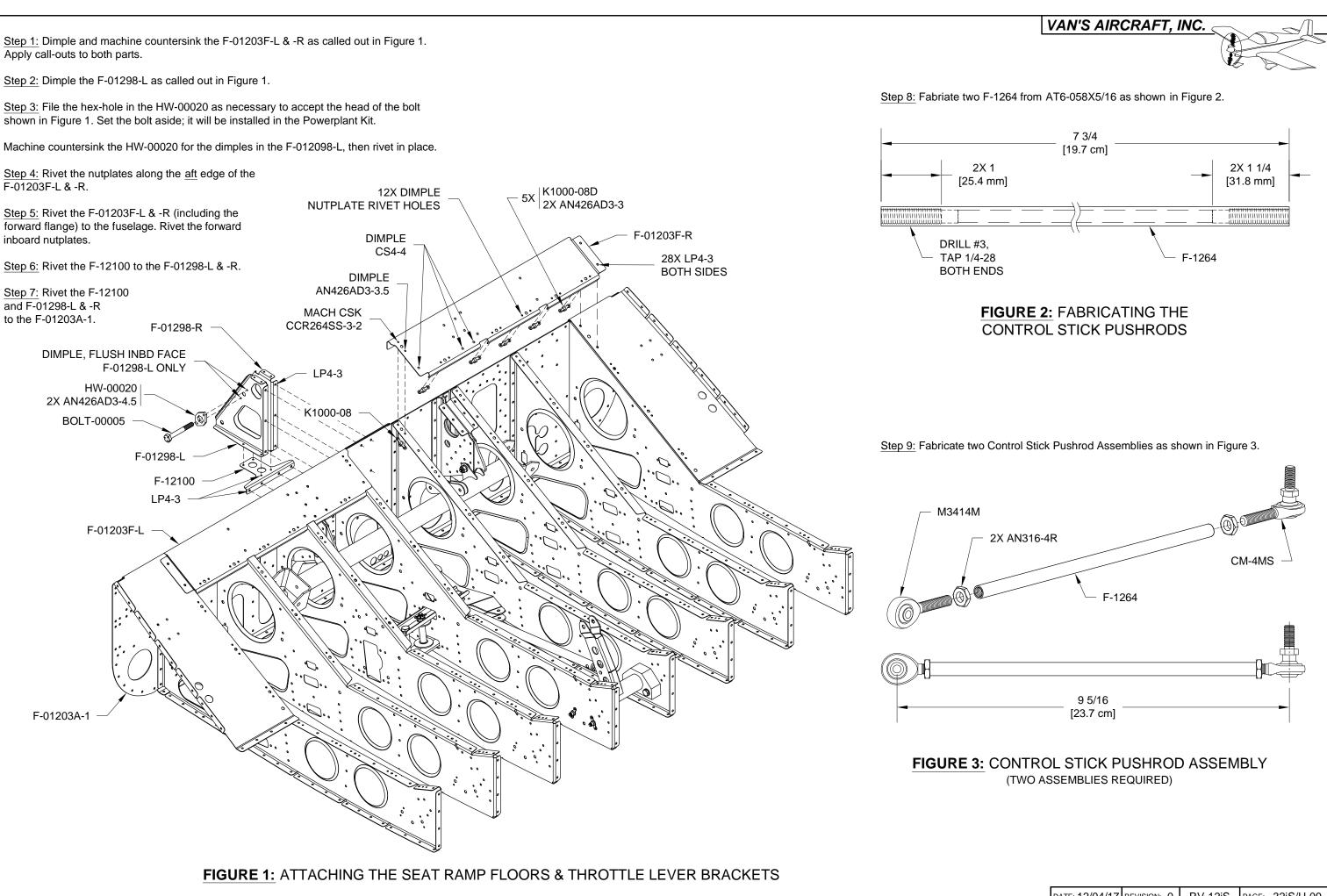
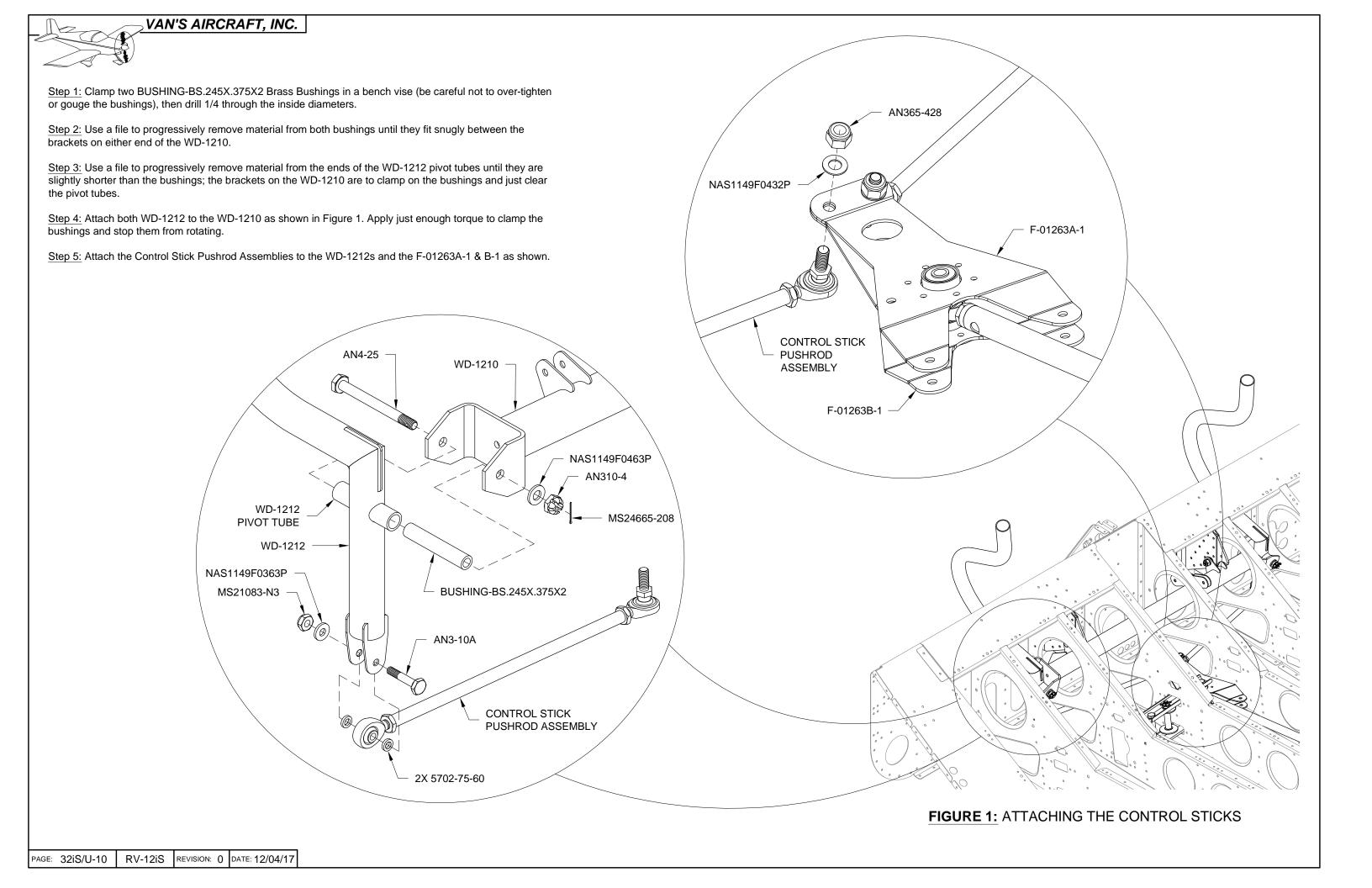


FIGURE 2: INSTALLING THE FLAP CRANK ASSEMBLY





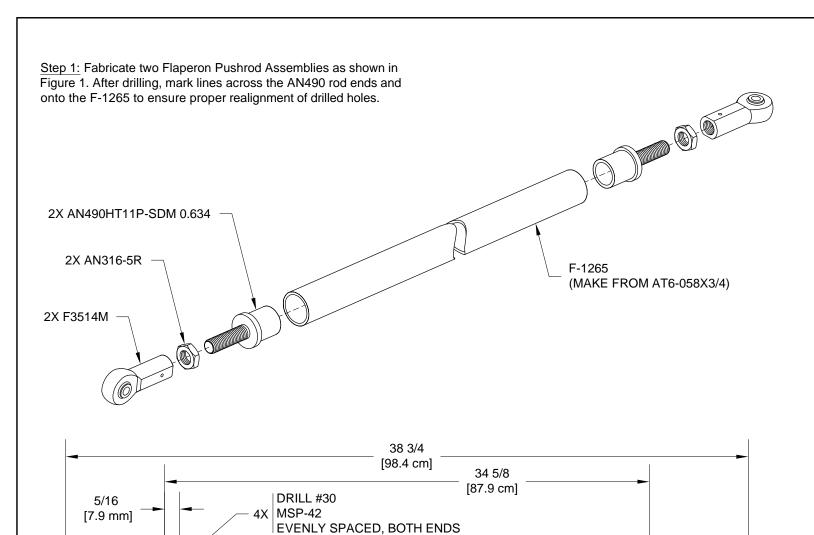


FIGURE 1: FLAPERON PUSHROD ASSEMBLY (TWO REQUIRED)

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<u>Step 2:</u> Pass the two Flaperon Pushrod Assemblies through their corresponding oblong holes in the center section bulkheads and the center lightening hole in the F-01206A-1.

Step 3: Attach the forward end of each Flaperon Pushrod Assembly to the F-01263A-1 & B-1 as shown in Figure 2.

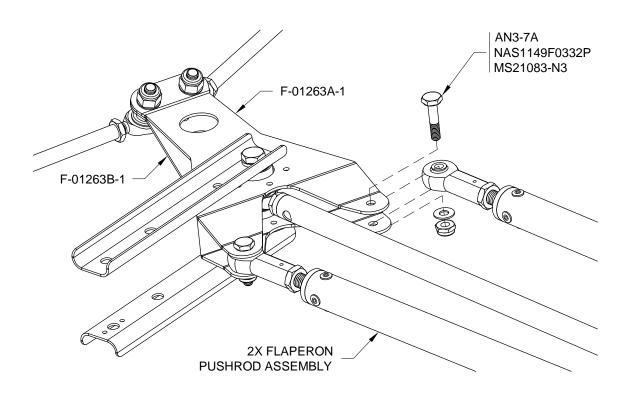


FIGURE 2: ATTACHING THE FLAPERON PUSHROD ASSEMBLIES





Step 1: Attach the WD-1215-L & -R to the two F-1206D as shown in Figure 1.

Step 2: Attach the aft end of each Flaperon Pushrod Assembly to the WD-1215-L & -R as shown.

