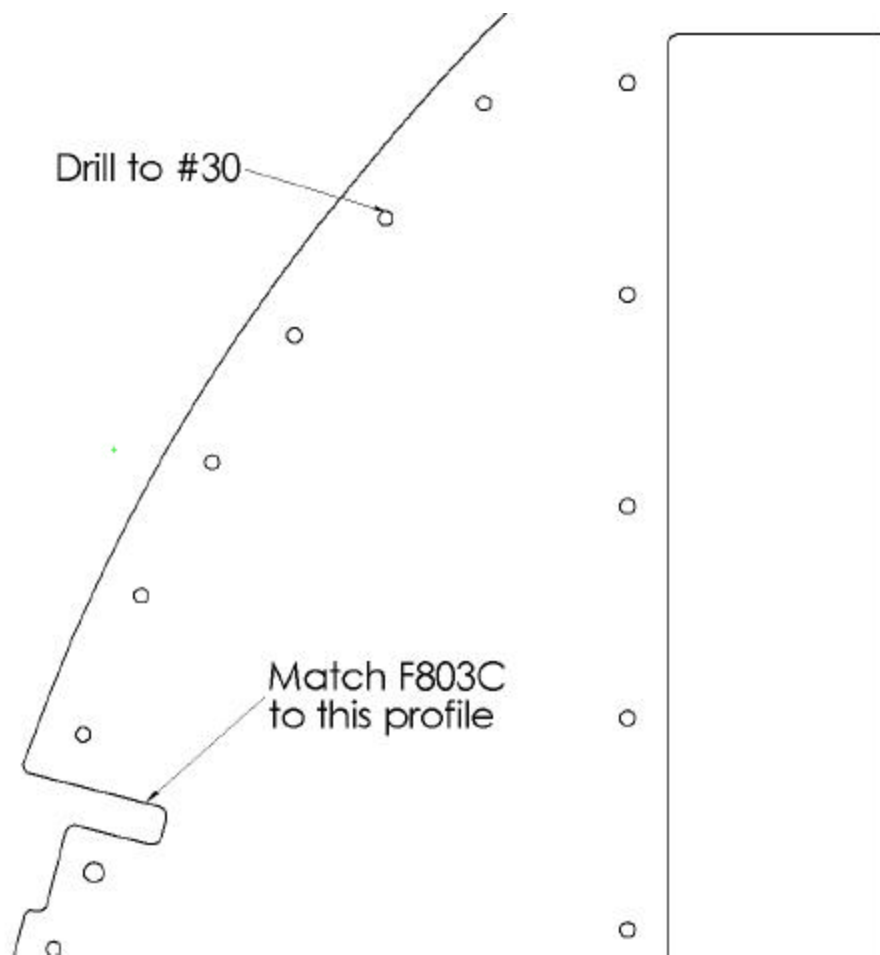


RV-8/8A Panel Installation

Cut and finish any additional panel features as desired, maintaining edge margin of 5/8" minimum so that there is no conflict with the F803C that you will be attaching later.

Drill F-803C (supplied in Vans Fuse kit) tab holes to #40. De-burr the F803C.

Drill the 5th hole from the bottom on both sides to #30. Drill this same hole in the F803C to #30.

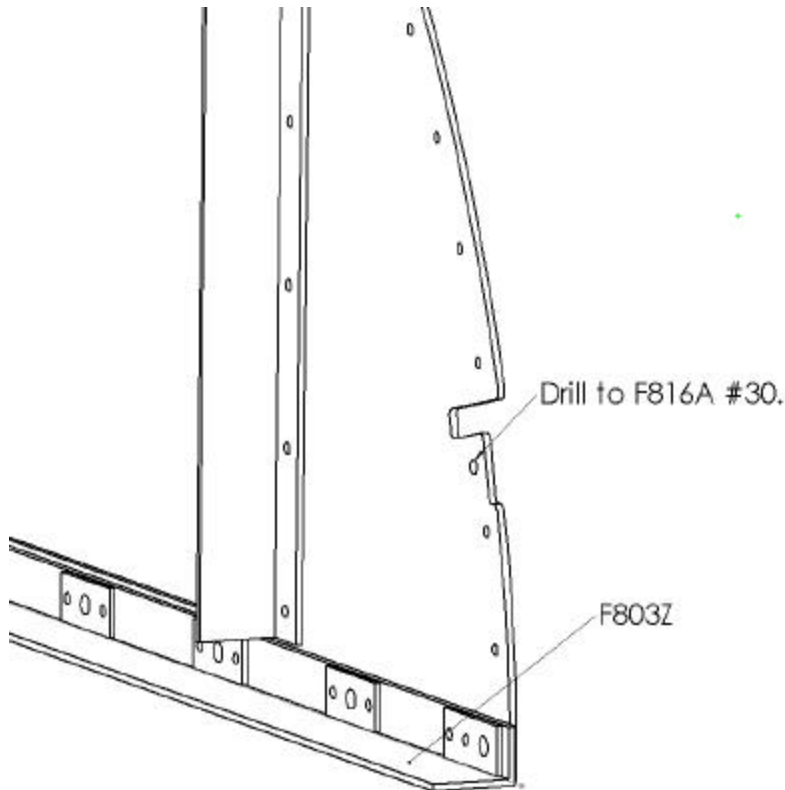


Draw a centerline on the solid flange of the F803C. Using clecos, attach the F-803C to the F-803B L&R.

Trim F-803C to fit the cut out for Longeron F-887. Use the F-803B L&R as a guide.

Carefully position assembly in fuse, flex the sides slightly as needed to clear longerons. Position .032" spacers on top of longerons F-887 to provide clearance for the F803B.

Position and cleco F-803Z L bracket to the bottom of F-803B L&R.



From the back of the panel, drill #30 to cockpit rail F-816A L&R.

Cleco panel to F-816A through this hole.

Cleco the forward top Skin on to Fuse.

Drill top skin to F-803C #40, center out and down, left and right. Cleco often as you go.

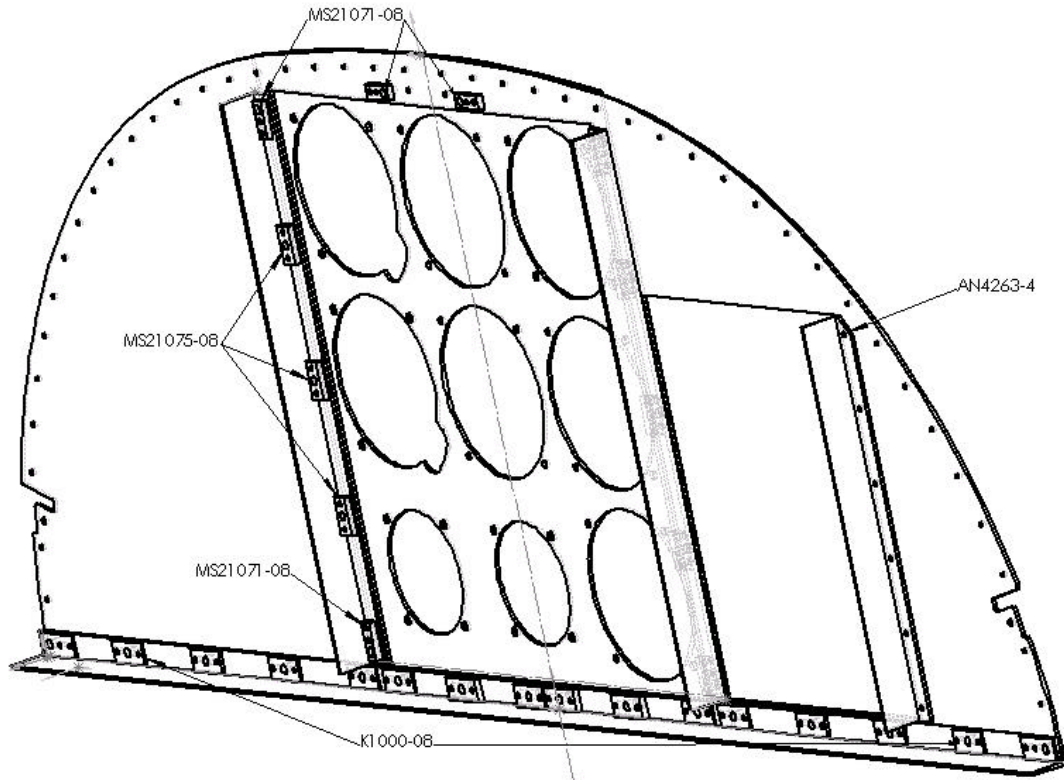
Countersink the F803B for the rivets that attach it to the F803C. Remember to install a 1/8" oops rivet in the fifth hole pictured above.

Drill to final size and countersink all nut plate holes for the stiffeners and attach nut plates as follows:

The F803X is riveted to the F803B using AN4263-4 rivets.

The F803Y uses mini #8 nut plates (supplied) and is riveted to the F803B. The end nut-plates are single leg style (MS21071-08). The middle nut-plates are miniature #8 (MS21075-08).

The F803Z is riveted to the nut plates only. The end two nut-plates are single leg style #8 (MS21061). The middle nut plates are K1000-08.



Please call me (Todd Rudberg) anytime you need assistance if these instructions are not adequate for your installation.

Thank-you for purchasing this AcubedLLC product.