20/01/2024 - ADAHRS work and USB charger - 3h

Category: 5.3. Systems
Published: Thursday, 05 September 2024 07:21
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The goodie bag from Steinair was delivered today so I could continue working on the Dynon ADAHRS module. Fittings to connect the nylon tubing is not delivered by Dynon so had to order these little snap-on connectors extra from Steinair.

The fittings I ordered are product SKU: P-501, Fitting Straight 1/8 NPT..

They come with teflon tape preinstalled on the NPT fitting so it's easy as screwing them in and attaching the nylon tube.

I attached the nylon foots on the bulkhead ribs to secure the tubes with tiewrap strips and routed the lines to the ADAHRS. I had to buy also some extra hardware to attach the ADAHRS to the ADAHRS bracket. By preference these have to be non ferrous to avoid magnetic interference with the magnetometer in the ADAHR module. I found a website where I could order some copper bolts and screws.

I also received the USB charger. I had been looking for this for a while as I wanted a charger that had 1 classic USB port and a new style USB-C port.
Drawn it on the panel and drilled out as I usually make openings in the panel.

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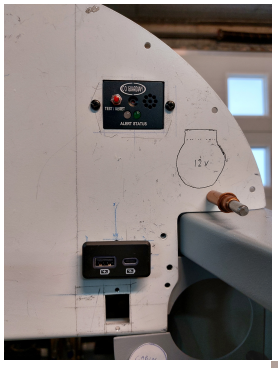
Next image, the inner surface has been cut out but using a little dremel cutting disc and cutting through the drilled holes.

After smoothing and sanding, the USB charger is in place.



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