

TOTAL PERFORMANCE
VAN'S AIRCRAFT

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SERVICE BULLETIN 16-12-16

Date Released: December 16, 2016

Date Effective: December 16, 2016

Subject: RV-8QB Missing Center Section Bolts

Affected Models: RV-8 QuickBuild Kits and flying aircraft built from QuickBuild Kits

Required Action: Inspect for installation of certain center section hardware

Time of Compliance: Before further flight

Supercedes Notice: NA

Labor Required / SLSA Warranty Allowance: NA

Level of Certification: NA

Synopsis:

Several reports from the field indicate that some RV-8 QuickBuild Kits have been completed and flown without certain center section hardware being installed. There are specific steps called out in the assembly instructions to install this hardware. See RV-8, Dwg 64 and page 8-10 of the assembly manual. This hardware is NOT installed during the QB assembly process at the factory.

Method of Compliance:

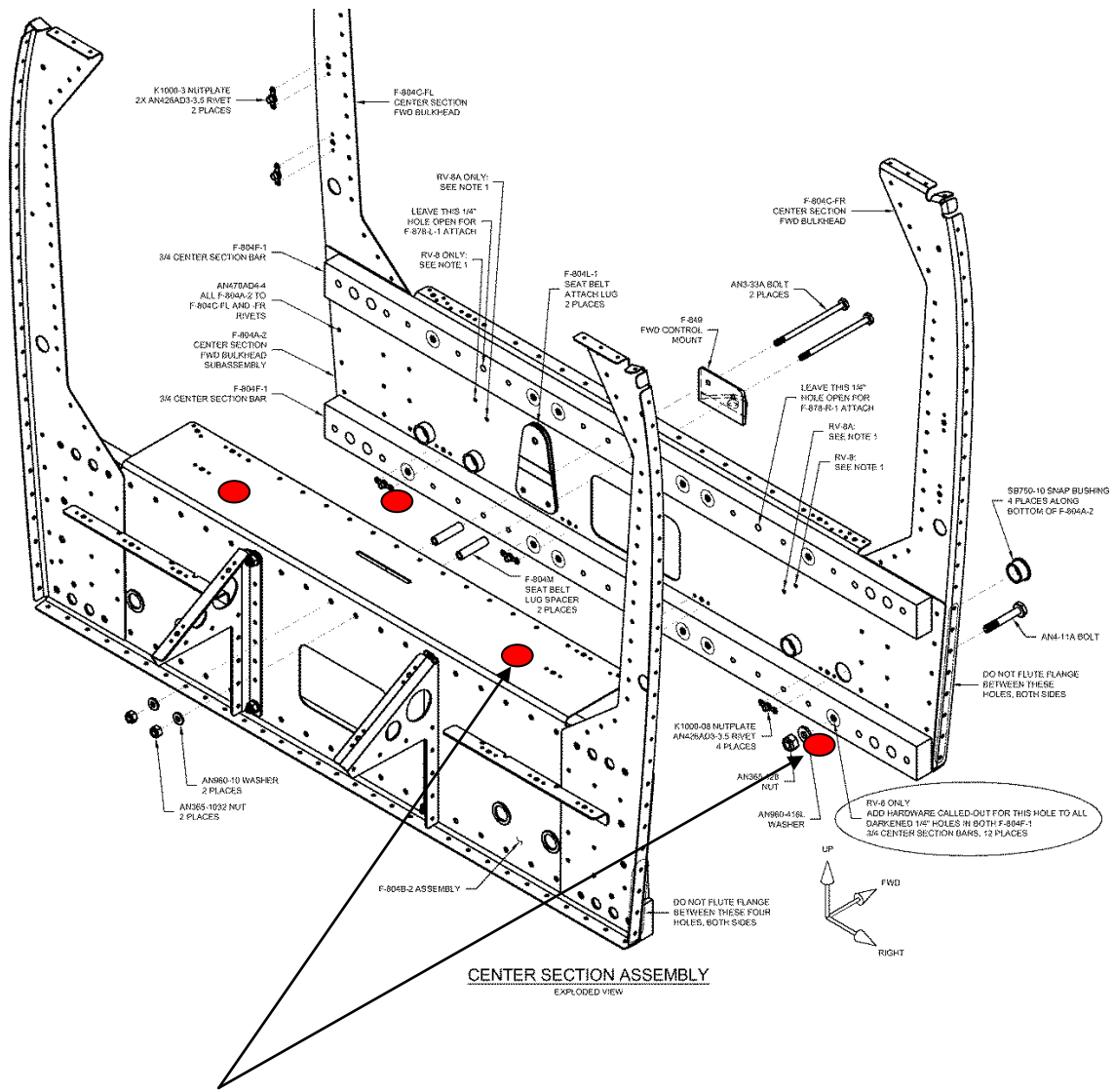
Step 1: Using Figure 1 as a reference, gain access to the center section area and determine if the indicated twelve AN4-11A bolts are installed in the forward portion of the center section.

Step 2: If the hardware is missing, install the appropriate hardware as called out in Figure 1. Access to install the outboard-most nuts will be difficult on aircraft with the wings already installed. It is permissible to open access holes in either the F-802B upper flange and/or the belly skin to install the washer and nut on those bolts. Reference Section 5.20 of the assembly instructions for torque specifications. This hardware was included with all RV-8 QuickBuild Fuselage Kits.

Step 3: Make an appropriate logbook entry indicating compliance with SB16-12-16.

Parts:

12ea. AN4-11A bolt
12ea. AN365-428 nut
12ea. NAS1149F0463P (AN960-416 washer)



Holes (1" max. diameter) in F-802B upper flange and/or belly skin to access installation of washers and nuts on aircraft with wings already installed.

NOTE: Ensure that center section bars are not damaged when drilling access holes.

Figure 1