

# SERVICE LETTER

15 March 1993

## SERVICE INFORMATION LETTER NO. 78 SUBJECT: FUEL CAP ORIENTATION

It has come to our attention that an unsafe condition may be created if the vent tube of P/N 108-1121111, fuel cap assembly, is not pointed directly into the oncoming air. Examination of these parts has revealed that the inner cap assembly may rotate with respect to the outer cap assembly, thereby producing the unsafe condition mentioned above.

To prevent the possibility of rotation, UNIVAIR is riveting the inner and outer cap assemblies together at the proper orientation on all new assemblies. The following procedure should be accomplished in the field on all fuel cap assemblies in service.

1. Remove both wing tank fuel cap assemblies.
2. Check orientation of inner cap assembly and vent tube (see Illustration A). Move inner cap assembly to obtain correct orientation with vent tube. The inner cap assembly should be difficult to move and the vent tube should point directly forward when installed.
3. Drill #40 (.0980 dia.) through the inner and outer cap assemblies (see Illustration B). Install an AN470AD3-3 rivet to prevent the assemblies from becoming misaligned.

Please contact the UNIVAIR Engineering Department if you have any questions regarding this service difficulty.

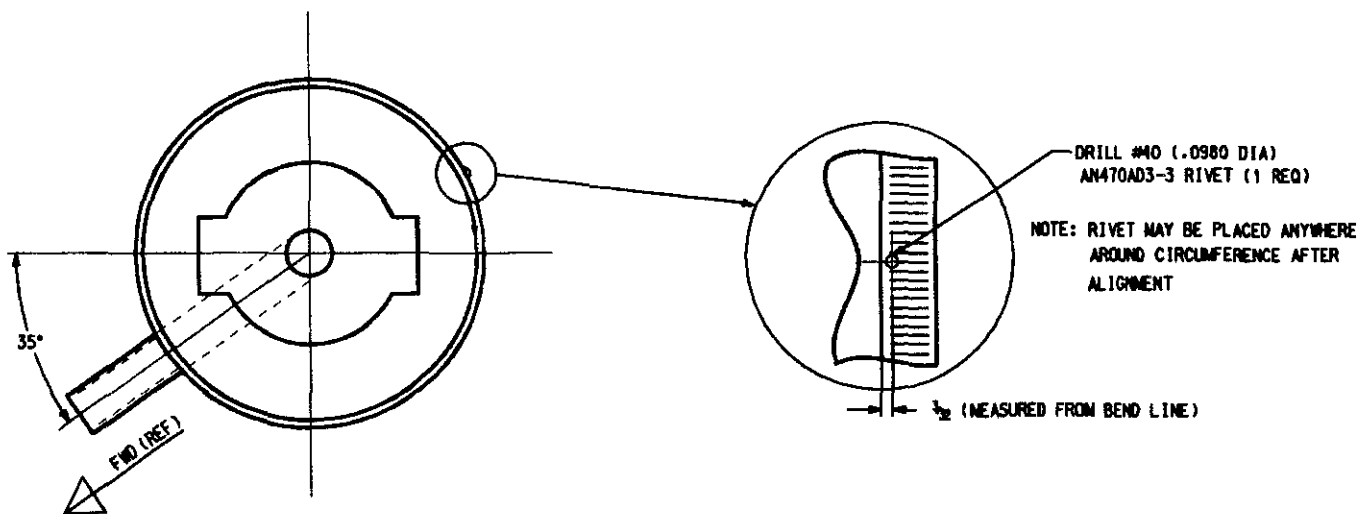


ILLUSTRATION A (VIEWED FROM BOTTOM OF CAP)

ILLUSTRATION B - RIVET PLACEMENT