

SERVICE LETTER SL49 35A-51650

1. Release Date: 06/10/2021
2. Service Letter No.: SL49 35A-51650
3. Subject: Safety Wires
4. Part/Assembly No.: 35A-51650
5. Float Model Affected: 3400
6. Compliance: **Mandatory** **Recommended** **Optional**
7. Approval: All information provided is in accordance with approved data.
8. Corrective Action: See below.
9. Time Required: 1 hour
10. Payments: Credit to Customer Under Warranty Customer Pays

It was brought to our attention that Ø.032 safety wire was not used according to type design on the lower nose gear assembly of 3400 floats. Safety wire Ø.020 was used instead. This does not affect the safety of the floats as a double twist method was used with the Ø.020 safety wire; however, during the next inspection, if appropriate, replace with Ø.032 wire.

Safety wire of .020 inch diameter (double strand) may be used on parts having a nominal hole diameter between .045 and .062 inch with a spacing between parts of less than 2 inches. (AC43.13-1, §7-123.b.)

Because of the increased difficulty installing Ø.032 safety wire here, Aerocet has since incorporated safety cable as an acceptable alternate to safety wire. This has the advantage of optional protective jacketing, and easier installation using tooling available from aviation sources:

INSTALL SAFETY WIRE OR SAFETY CABLE WHERE NOTED.

- A. MS20995C32 SAFETY WIRE; OR
- B. AS3510-20-18K SAFETY CABLE OR PER TABLE 1; AND
- C. INSTALLATION METHODS AND TECHNIQUES IN ACCORDANCE WITH AC43.13-1. CHAP. 7, SEC. 7 (SAFETY WIRE ONLY) OR AS567.

TABLE 1:

TABLE 1			
MANUFACTURER	PART NUMBER	SPECIFICATION	REPLACES
DANIELS MANUFACTURING CORPORATIONS	C10218	AS3510-02-18K	MS20995C32
BERGEN CABLE	K30C18		

Affected assembly area, showing an example installation:



Figure 1 Left Hand Side



Figure 2 Rear

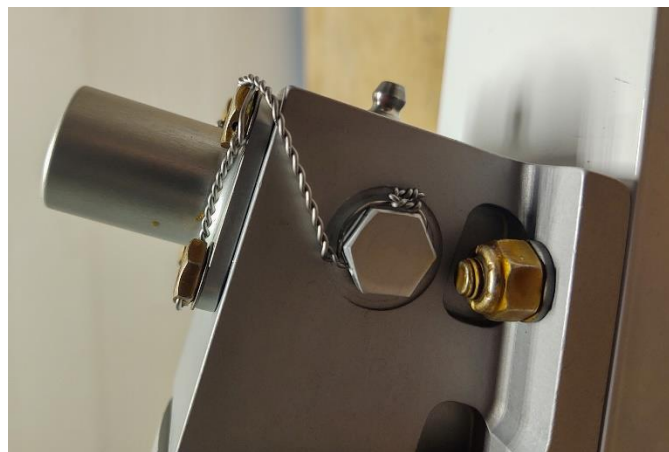


Figure 3 Right Hand Side

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