

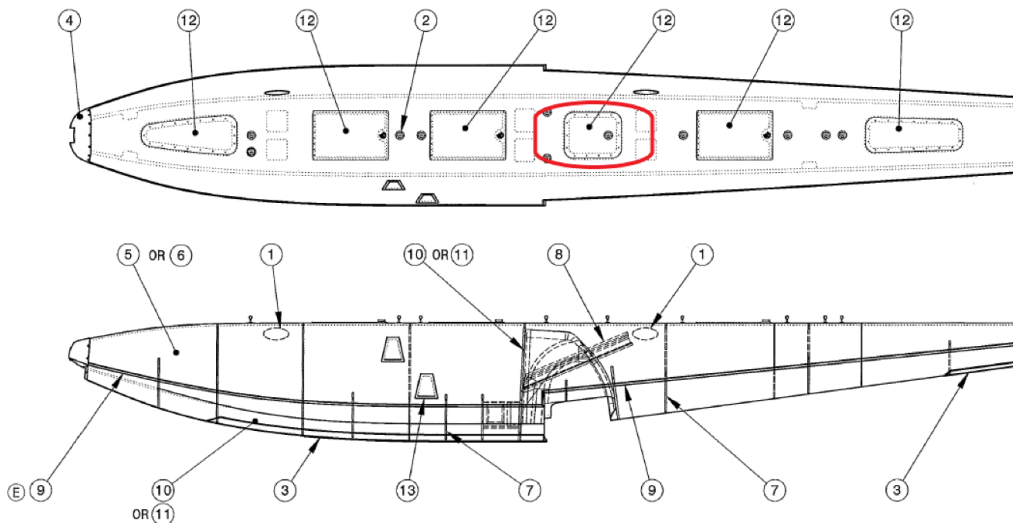
SERVICE LETTER SL52 65-46010

1. Release Date: 11/17/2021
2. Service Letter No.: SL52 65-46010
3. Subject: Corrosion Preventive Sealant
4. Part/Assembly No.: 65-46010
5. Float Model Affected: 6650 on Daher KODIAK 100 AMPHIBIAN
6650 Model Floats, Serial Numbers – 184-185 and previous
6. Compliance: Mandatory Recommended Optional
7. Approval: All information provided is in accordance with approved data.
8. Corrective Action: Non-required.
9. Time Required: NA
10. Payments: Credit to Customer Under Warranty Customer Pays

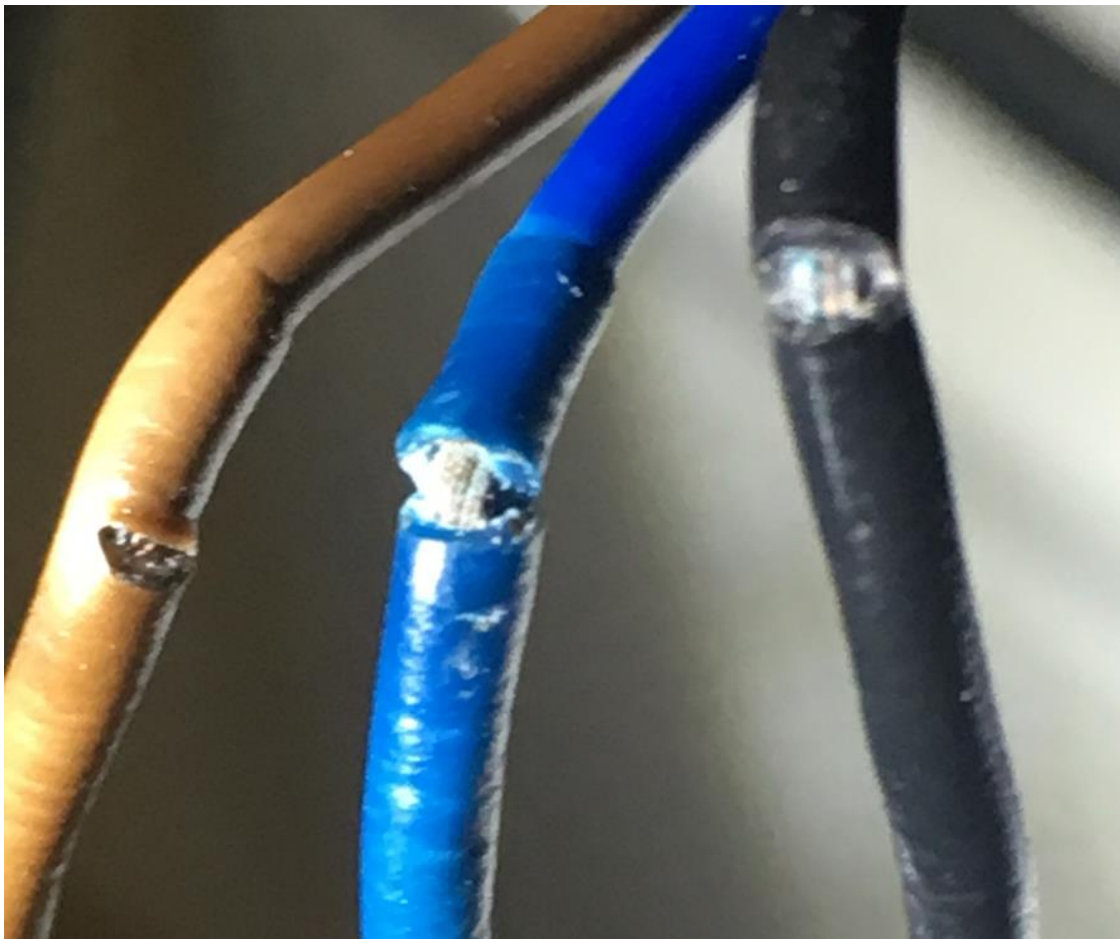
Small nicks in the insulation of wires when stripping external shielding from wire bundles can cause premature corrosion on wires. Aerocet recommends use of tin-and solder techniques for splices and terminations and use of corrosion-preventative sealant (See Table 1) with heat-shrink tubing for best performance.

This service letter is more of an advisory and inspection that could be accomplished at the next 100 hour inspection that may help diagnose issues such as inoperable or intermittent gear light(s) and/or false audibles with the float gear advisory system.

The figure below shows where to inspect.



The pictures that follow are examples of what to look for.



To gain access:

1. Remove access panel at main landing gear to gain access to 65-46010 electrical wiring.
2. It may be required to remove wedge clamp(s) to assist with the visual inspection of the wire bundles.
3. Inspect the individual wires for cuts, nicks, etc. and corrosion where the shielding has been removed.
4. If damage or corrosion is found, replace wire set or affected section of wire.

TABLE 1: ACCEPTABLE ELECTRICAL SEALANTS	
MFG. NO.	COMMENTS
DOW CORNING 738	MEETS TESTING REQUIREMENTS TO MIL-A-46146
GE BAYER RTV160, RTV162,RTV167	
DOW CORNING 3140RTV	

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