

Thanakom Panyothin

From: Mcconnell, DAVE P <dave.p.mcconnell@lmco.com>
Sent: Friday, August 31, 2018 4:57 PM
To: Thanakom Panyothin
Cc: Jay Minor; Grant Robinson
Subject: S-76D MGB Oil Cooler Duct Sleeve Bond

Khun San

Following is the CSE response to a request by Jay to bond the S-76D oil cooler duct sleeve using DAPCO 3300.

Case Number: C0103036
Customer: Thai Aviation Services Limited
Aircraft S/N: 761000
Aircraft Model: S-76D
ATA: 63
Part Number: 76302-77812-105
Case Subject: MGB Oil Cooler Duct Sleeve Bond Procedure-Request For

Problem Description:

Reference

- 1) S-76D IPC 63-22-00 IT 55
- 2) Dwg 76302-77812

During a scheduled maintenance inspection on A/C S/N 761059 maintainers noted that the transmission oil cooler sleeve P/N 76302-77812-104 had become disbonded from the P/N -105 duct assembly.

Reference to the AMM showed that there is no procedure to remove, replace or bond the -104 sleeve.

The -105 duct assembly is called out in IPC CH 63-22-00, Fig. 1, Item 55, but the -104 sleeve by itself is not.

Examination of transmission oil cooler duct drawing 76302-77812 found that although Note 22 states that the -104 sleeve is bonded to duct -102 and -105, there is no bond procedure specified.

TAS propose to bond the -104 sleeve to the duct using DAPCO 3300 sealant.

Please advise if the use of DAPCO 3300 is acceptable. If not, please provide an alternate procedure. EoM

This email notification is provided as the case has been reviewed and does not contain technical data in the issue description.

Problem Resolution:

Per the vendor, Senior Aerospace BWT:

DAPCO 3300 a clear silicone based adhesive, cures at room temperature and should be suitable as it can be used on aircraft because it is resistant to jet fuel and extreme temperatures. It can be used on many surfaces to create a strong, resilient bonds to a variety of substrates.

This email notification is provided as the case has been reviewed and does not contain technical data in the resolution.

David P. McConnell
Senior Field Service Representative

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