

Grant Robinson

From: McConnell, DAVE P <dave.p.mcconnell@lmco.com>
Sent: Wednesday, June 14, 2017 7:50 PM
To: Grant Robinson
Cc: Russell Squires
Subject: S-76D TRDS access panel AN3 ILO MS27039

Grant

Following is the CSE response to my request to substitute AN3 bolts for MS27039 screws in the S-76D TRDS access panels.

Case Number: C0062976
Customer: Thai Aviation Services Limited
Aircraft S/N: 761XXX
Aircraft Model: S-76D
ATA: 52
Part Number: 76202-77001-011
Case Subject: Firewall Access Cover Hardware-AN3 ILO MS27039

Issue Description:

Reference

- 1) IPC CH 52-46-01 Fig 1 Pg 0
- 2) Case C0056395

TAS Engineers report that during the 100 hour TRDS coupling inspection with the engines installed, they cannot remove the MS27039 screws in the inspection panel closeouts shown in IPC CH 52-46-01 Figure 1, Page 0, without damaging the screws.

TAS request SA engineering approval to replace all MS27039C screws in the engine compartment with AN3Cxx (various length) to ease removal with the engines installed on all S-76D models in the TAS fleet.

TAS have previously been approved for similar hardware replacement for the P/N 76202-77003-130 Y-pipe access panel. Case C0056395 refers. EoM

Problem Resolution:

Sikorsky Engineering has reviewed the information in this case. The AN3C-3 bolts can be used to replace the P/N MS27039C1-XX bolts for the firewall access covers. They share the same material strength.

David P. McConnell

Senior Field Service Representative
Sikorsky, a Lockheed Martin company
Email dave.p.mcconnell@lmco.com
Smartphone +1 (203) 873-8552 (US)
Efax +1 (860) 998-8791 (US)
Cell +66 (0)8 7750-7920 (Thailand)



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