

Grant Robinson

From: McConnell, DAVE P <dave.p.mcconnell@lmco.com>
Sent: Saturday, March 25, 2017 5:02 PM
To: Grant Robinson
Subject: Access panel screw replacement with AN3 bolts

Grant;

Following is the CSE response to my request to convert the P/N 76202-77003-130 access panel installation from screws to bolts.

Case Number: C0056395
Customer: Thai Aviation Services Limited
Aircraft S/N: 761XXX
Aircraft Model: S-76D
ATA 21
Part Number: 76202-77003-130
Case Subject: Y-pipe Access Panel- Request for substitute attach hardware

Problem Description:

Reference

S-76D IPC CH 21-40-02, Fig 1, Pg 0, Item 10
S-76D IPC CH 52-46-01, Fig 1, Pg 0, Item 4

In order to improve A/C maintainability and greatly reduce man hours associated with removal and reinstallation of the P/N 76202-77003-130 Y-pipe access panel, TAS requests SA approval to install P/N AN3C-3 bolts in place of P/N MS27039C1-0 attach screws for the P/N 76202-77003-130 Y-pipe access panel and L/H and R/H Y-pipe attach flange on all S-76D A/C in the TAS fleet. EoM

Problem Resolution:

Sikorsky Engineering has reviewed the information in this case. The AN3C-3 bolts can be used to replace the P/N MS27039C1-07 (CRES .190-32 UNF-3X .469 L). 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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