

Grant Robinson

From: Mcconnell, DAVE P <dave.p.mcconnell@lmco.com>
Sent: Friday, May 11, 2018 1:15 PM
To: Daryl Dixon
Cc: Nattawut Wongyai; Grant Robinson; Stephen MacDonald; Atiporn Chiwcharoen; Mrazik, Philip
Subject: Use of bushing P/N SS4007-5-38 on S-76D engine mount vertical strut
Attachments: Customer Letter C0094448.pdf

Importance: High

Daryl

Following is a request for clarification submitted to question the use of a P/N SS4007-5-34 sliding bushing at the upper end of engine mount strut P/N 76305-77511-042 and -043. The CSE response in the form of Customer Letter C0094448 is attached.

Customer: Thai Aviation Services Limited
Case Number: C0094448
Case Title: Engine Mount Strut Sliding Bushing Dash Number-Clarification
Aircraft S/N: 761000
Aircraft Model: S-76D
ATA: 71
Primary Part: 76305-77511-043

Problem Description:

Reference

1. SA S76D-IPC-000
2. Drawing 76300-77101

S-76D IPC CH 71-20-00 Figure 1 Page 1 Detail B, Item 24 calls out a P/N SS4007-5-34 sliding bushing at the upper end of the P/N 76305-77511-042/-043 vertical outboard strut assembly.

Reference to Dwg 76300-77101 FS 003 Detail AF-AF, Zone 15C indicates the bushing in that location should be a P/N SS4007-5-38.

TAS maintainers note that it appears that a -38 bushing is more appropriate for the location as it creates a visible gap between the MS20002C5 washer and the face of the strut.

When the -34 bushing is installed as per the IPC, little to no gap is noted between the washer and strut face.

All TAS S-76D A/C use the P/N 76300-77101-017/-018 engine installations.

Please advise the correct sliding bushing dash number to use at the upper bolted connection of the P/N 76305-77511-042 / -043 vertical outboard strut assembly. EoM

David P. McConnell

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