

Grant Robinson

From: Mcconnell, DAVE P <dave.p.mcconnell@lmco.com>
Sent: Friday, September 16, 2016 9:30 AM
To: Ed Power
Cc: Grant Robinson
Subject: S-76D CPI ICA bolt torque requirement

Ed;

Following is the CSE response to my FTR requesting clarification of the CPI bolt torque interval in the CPI ICA.

Customer: Thai Aviation Services Limited
Aircraft Serial Number: 761059
Aircraft Model: S-76D
ATA: 25 Sub-System: 60 - Avionics
Part Number: 503-16
Case Number: C0040137
Title: ADELTA IC03489-Request For Clarification

Issue Description:

Reference Instructions for Continued Airworthiness IC03489 – Automatic Deployable Emergency Locator Transmitter

Chapter 05-20-00 Page 602 Scheduled Maintenance – Checks /Inspections Paragraph 1. B. table, third item:

ATA Section: 25-62-03
Title: Torque 12 CPI Beacon retaining screws
Part # 503-16
Life Cycle/Years “C” Overhaul

TAS requests clarification of the above referenced torque check interval requirement:

1. What is the frequency of a “C” Overhaul?
 2. Is this a valid field-level maintenance requirement?
- EoM

Resolution:

After reviewing the ICA - Chapter 05-20-00 Page 602 Scheduled Maintenance – Checks /Inspections, Paragraph 1. B. table, third item - we entered the verbiage from the OEM's Maintenance Manual – 15-503-134-1 in regards to re-torquing the cover retaining screws (PN 503-16)...

The Maintenance Manual calls for periodic inspection of the Sealing Gasket (PN 01052) and replacement as necessary. The ICA calls out this inspection as well .

The OEM's Maintenance Manual has a note to check the torque of the retaining screws as well and identifies that they should be checked at every “C” Overhaul...

As this type of inspection program does not apply to the S76, the correct entry for the Life Cycle/Years column should be the same as the Sealing Gasket – 12 Months (On Condition)

Since there is no such thing as a “C” overhaul on the S-76D, we recommend the re-torque to be performed as part of the 12-month inspection.

In the fixed wing world a C-check happens every 20-24 months, and since a helicopter shakes that much

more, a 12-month inspection should satisfy the requirement

This will be forwarded to our Tech Pubs folks and this change will be included in the next update of the ICA
- time frame is TBD at this time.

David P. McConnell

Senior Field Service Representative

Sikorsky, a Lockheed Martin company

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