

Grant Robinson

From: Mcconnell, DAVE P <dave.p.mcconnell@lmco.com>
Sent: Wednesday, September 28, 2016 10:31 AM
To: Ed Power
Cc: Grant Robinson
Subject: S-76D Aux Fuel Tank ICA 12-Month Inspection Requirements

Ed;

Following is the CSE response to my FTR requesting clarification of the aux fuel tank ICA for 12-month inspection requirements.

Customer: Thai Aviation Services Limited
Aircraft Serial Number: 761059
Aircraft Model: S-76D
ATA: 28
Part Number: 14-50-2
Case Number: C0039441
Title: Aux Tank ICA-12 Month Inspection-Request For Clarification

Issue Description:

Reference 50 Gallon Auxiliary Fuel Tank System - Instructions For Continued Airworthiness IC02418.

Chapter 05-20-00 - Inspections/Checks Section 1 Scheduled Maintenance Page 602, Paragraph B. 12 Month Inspection Step (10) instructs the maintainer to: "Check fuel tank pressure, repair or replace as necessary. Refer to AMM for operational test."

TAS has raised the following questions regarding Step (10):

- 1) "Check fuel tank pressure" - The aux fuel tank is not pressurized. What is to be checked?
- 2) "Repair/replace as necessary" – Repair or replace what?
- 3) "Refer to AMM for operational test." The AMM does not contain an operational test of the aux fuel system

TAS believes that Step (10) contains no useful or actionable information. They recommend that it be deleted.

Please advise. EoM

Resolution:

See Component Maintenance Manual Sikorsky 360 ATA 28 - SA S76D-CML-000 50 U.S. Gallon Auxiliary Fuel Systems, Chapter 28--10--02 page 2004 section F which addresses the requirements of Chapter 05-20-00 - Inspections/Checks Section 1 Scheduled Maintenance Page 602, Paragraph B. 12 Month Inspection Step (10).

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