

Grant Robinson

From: McConnell, DAVE P <dave.p.mcconnell@lmco.com>
Sent: Monday, January 09, 2017 1:57 PM
To: Grant Robinson
Cc: Daryl Balmer; Russell Squires
Subject: S-76D Vent Fan ducting check

Grant;

Following is the CSE response to Russ's request for clarification of a conflict between the S-76D ETM and IETM.

Case Number: C0049154
Customer: Thai Aviation Services Limited
Aircraft S/N: 761XXX
Aircraft Model: S-76D
Part Number: 76309-77052-011
Case Subject: AMM Task 21-20-04-200-801-ETM IETM Conflict

Problem Description:

TAS notes a contradiction in inspection requirements between the IETM and ETM for task 21-20-04-200-801.

The IETM and ETM AWL for S76D both have the following 1500 hour inspection.

TASK 5-20-00-200-008
1500-Hour Inspection Checklist Zone 1
Vent fan ducting (If installed) 21-20-04-200-801

S-76D ETM PDF version of AMM chapter 21 states the following:

TASK 21-20-04-200-801

1500 Hour Inspection Sound Suppressor.

SUBTASK 21-20-04-210-001

Inspect Sound Suppressor

With qualified helicopter pilot at controls, start engines. (Refer to Approved Rotorcraft Flight Manual, SA S76D-RFM-000.)

With cabin heater on, inspect sound suppressor in the baggage compartment for cracks/leaks and repair/replace as necessary.

With qualified helicopter pilot at controls, shut down engines. (Refer to Approved Rotorcraft Flight Manual, SA S76D-RFM-000.)

S76D IETM for the same TASK 21-20-04-200-801 is as follows:

TASK 21-20-04-210-001

1500 Hour Inspection Vent Fan Ducting.

SUBTASK 21-20-04-210-001

Inspect Vent Fan Ducting.

Open baggage compartment door. (Refer to Removal/Installation, TASK 52-30-01-900-801.)

Perform ventilation mode test. (Refer to Testing and Troubleshooting, SUBTASK 21-40-00-710-001.)
Inspect vent fan ducting for cracks/leaks replace as necessary. (Refer to Removal/Installation.)
Close baggage compartment door. (Refer to Removal/Installation, TASK 52-30-01-900-801.)

Please advise which AMM document - ETM or IETM - is correct. EoM

Problem Resolution:

Maintenance Planning has confirmed that the ETM PDF version of the task should be followed.

The IETM will be updated during the next scheduled revision.

David P. McConnell

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