

## Grant Robinson

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**From:** McConnell, DAVE P <dave.p.mcconnell@lmco.com>  
**Sent:** Monday, October 17, 2016 12:55 PM  
**To:** Ed Power  
**Cc:** Grant Robinson  
**Subject:** Aux Tank IC02418-Request For Clarification

Ed;

Per your request, following is an explanation of ambiguities noted in S-76D Aux Tank ICA2418.

Customer:	Thai Aviation Services Limited
Aircraft Serial Number:	761059
Aircraft Model:	S-76D
ATA:	28
Part Number:	14-50-2
Case Number:	C0040131
Title:	Aux Tank IC02418-Request For Clarification

**Issue Description:**

TAS are reviewing Instructions For Continued Airworthiness IC02418 – 50 Gallon Auxiliary Fuel Tank System - for A/C S/N 761059, and request clarification of the points below:

Reference IC02418 CH 00-00-04 Page 1, Paragraph 1.B.

Bullet nine calls out Hunting Aviation Component Maintenance Manual 28-10-02, 50 gallon Auxiliary Fuel Tank, 12 July 1995.

Bullet ten calls out Metair Aircraft Equipment LTD, 14-50(D) S76 – 50 Gallon Aux Fuel Tank Assembly.

1) ICA bullet nine - The S-76D CMM list found on SA360 has only AIM Aviation CMM 50 US Gallon Auxiliary Fuel Systems 14-51 dated Oct 05/12 posted. Is the AIM CMM equivalent to the Hunting Aviation CMM? If not, TAS request a copy of the Hunting document.

2) ICA bullet ten - Metair Aircraft Equipment LTD, 14-50(D) S76 – 50 Gallon Aux Fuel Tank Assembly. Is this a document or a reference to the fuel tank itself? If it is a document, please provide.

3) Reference AIM CMM CH 28-10-02 downloaded from SA360:

a. AIM CMM is written for Aux Fuel System 14-51. Is this equivalent to the Aux Fuel Tank Assembly 14-50 called out in the ICA bullet ten? There is no reference to 14-50 in the AIM CMM. Please clarify.

b. AIM CMM Page 15001 Paragraph A. references FPT Industries Fuel Tank Manual FPT/MAN/730 for storage intervals greater than six months. This document is not available on SA360. TAS anticipate a requirement for long term storage. Please provide a copy of FPT/MAN/730.

EoM

**Resolution:**

Per Coatesville Engineering:

1) ICA bullet nine - The S-76D CMM list found on SA360 has only AIM Aviation CMM 50 US Gallon Auxiliary Fuel Systems 14-51 dated Oct 05/12 posted. Is the AIM CMM equivalent to the Hunting Aviation CMM? If not, TAS request a copy of the Hunting document.

\*Was: Hunting Aviation, Component Maintenance Manual, 28-10-02, 50 gallon Auxiliary Fuel Tank, 12 July 1995

\*Revise to: AIM Aviation, Component Maintenance Manual, 28-10-02, 50 gallon Auxiliary Fuel Tank, 10 August 2015.

2) ICA bullet ten - Metair Aircraft Equipment LTD, 14-50(D) S76 – 50 Gallon Aux Fuel Tank Assembly. Is this a document or a reference to the fuel tank itself? If it is a document, please provide.

\*Invalid, remove reference. Above is the only applicable CMM.

3) Reference AIM CMM CH 28-10-02 downloaded from SA360:

a. AIM CMM is written for Aux Fuel System 14-51. Is this equivalent to the Aux Fuel Tank Assembly 14-50 called out in the ICA bullet ten? There is no reference to 14-50 in the AIM CMM. Please clarify.

\*The latest document on 28-10-02, page 1, lists the installation and assy number applicability.

b. AIM CMM Page 15001 Paragraph A. references FPT Industries Fuel Tank Manual FPT/MAN/730 for storage intervals greater than six months. This document is not available on SA360. TAS anticipate a requirement for long term storage. Please provide a copy of FPT/MAN/730.

\*CMO will place a copy of FPT/MAN/730 in 360 as soon as it is revised. They have been advised of the request.

**David P. McConnell**

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