

Thanakom Panyothin

From: McConnell, DAVE P <dave.p.mcconnell@lmco.com>
Sent: Saturday, July 21, 2018 6:44 PM
To: Grant Robinson
Cc: Thanakom Panyothin
Subject: HTN Float bottle Kevlar wrap damage

Grant

Following is the CSE response to my request for guidance re HTN's R/H aft float bottle.

Case Number: C0100012
Customer: Thai Aviation Services Limited
Aircraft S/N: 760731
Aircraft Model: S-76C++
Aircraft TT: 6,027
ATA: 32
Part Number: B13269-1
Case Subject: Float Bottle Kevlar Wrap Damage-Loose Strands

Problem Description:

Reference attached JPEG images

Maintainers performing a daily inspection on A/C S/N 760731 noted extensive discoloration and deterioration of the R/H aft bottle's Kevlar wrap, including numerous broken strands.

None of the other three float bottles showed similar deterioration.

The cause of the apparently sudden Kevlar deterioration could not be determined.

A/C S/N 760731 A/C TT 6072.4
Bottle, Float, R/H
Assy P/N 76251-01103-102 S/N 0399
Vessel P/N B13269-1 S/N 6266
DOM Feb 2010, Installed 760731 24 June 2010
Retirement due June 2020

TAS request SA guidance regarding the continued serviceability of this bottle. EoM

This email notification is provided as the case has been reviewed and does not contain technical data in the issue description.

Problem Resolution:

Service Engineering recommends based on the following the pressure vessel be replaced.

32-60-01 Cobham CMM, TASK 30-43-02-210-801-A01 Component Checks. D. Visually inspect the pressure vessel (70, IPL, Figure 10001) for evidence of discontinuities, cracks, or flaws, which may appreciably weaken the pressure vessel shall be cause for rejection.

Discoloration and stand dis-bond may be attributed to the use of cleaning fluids, CMM recommends use of shop air only.

This email notification is provided as the case has been reviewed and does not contain technical data in the resolution.

David P. McConnell

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