

## 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**

Senior Field Service Representative  
Sikorsky, a Lockheed Martin company  
Email [dave.p.mcconnell@lmco.com](mailto:dave.p.mcconnell@lmco.com)  
Smartphone +1 (203) 873-8552 (US)  
Efax +1 (860) 998-8791 (US)  
Cell +66 (0)8 7750-7920 (Thailand)



**WARNING:** THE INFORMATION IN THIS TRANSMISSION IS CONFIDENTIAL AND IS MEANT TO BE READ AND USED ONLY BY THE INTENDED RECIPIENT. ENCLOSED COMMODITIES, TECHNICAL DATA OR SOFTWARE ARE SUBJECT TO THE EXPORT CONTROL OF EITHER THE INTERNATIONAL TRAFFIC IN ARMS REGULATIONS (ITAR) OR THE EXPORT ADMINISTRATION REGULATIONS (EAR) AND CANNOT BE EXPORTED WITHOUT THE AUTHORIZATION OF EITHER THE DEPARTMENT OF STATE OR THE DEPARTMENT OF COMMERCE PRIOR TO EXPORT. EXPORT INCLUDES DISCLOSURE AND OR ACCESS TO COMMODITIES, TECHNICAL DATA OR SOFTWARE BY FOREIGN NATIONALS WHETHER LOCATED IN THE UNITED STATES OR ABROAD. THIS REQUIREMENT APPLIES EQUALLY TO FOREIGN NATIONAL EMPLOYEES OF U.S. COMPANIES AND THEIR FOREIGN SUBSIDIARIES. THIS DOCUMENT, OR AN EMBODIMENT OF IT IN ANY MEDIA, DISCLOSES INFORMATION WHICH IS PROPRIETARY, IS THE PROPERTY OF SIKORSKY AIRCRAFT CORPORATION AND/OR ITS SUBSIDIARIES, IS AN UNPUBLISHED WORK PROTECTED UNDER APPLICABLE COPYRIGHT LAWS, AND IS DELIVERED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED, DISCLOSED, REPRODUCED, IN WHOLE OR IN PART (INCLUDING REPRODUCTION AS A DERIVATIVE WORK), OR USED FOR MANUFACTURE FOR ANYONE OTHER THAN SIKORSKY AIRCRAFT CORPORATION AND/OR ITS SUBSIDIARIES WITHOUT ITS WRITTEN CONSENT, AND THAT NO RIGHT IS GRANTED TO DISCLOSE OR SO USE ANY INFORMATION CONTAINED HEREIN. ALL RIGHTS RESERVED. ANY ACT IN VIOLATION OF APPLICABLE LAW MAY RESULT IN CIVIL AND CRIMINAL PENALTIES. ANY REVIEW, USE, DISSEMINATION, DISTRIBUTION OR COPYING OF THIS TRANSMITTAL BY AN UNINTENDED RECIPIENT IS STRICTLY PROHIBITED, AND MAY BE A VIOLATION OF LAW SUBJECT TO PENALTY.