

Grant Robinson

From: McConnell, DAVE P <dave.p.mcconnell@lmco.com>
Sent: Thursday, February 23, 2017 12:30 PM
To: Grant Robinson
Subject: Dart Life Raft Screw Hole Stripped

Grant;

Following is the CSE response to my request for a Helicoil repair procedure for the stripped screw hole on D66's R/H raft.

Case Number: C0053834
Customer: Thai Aviation Services Limited
Aircraft S/N: 761066
Aircraft Model: S-76D
Aircraft TT: 20
ATA: 25
Part Number: 650.2102
Case Subject: DART Life Raft Step Attach Screw Hole Stripped

Problem Description:

Reference DART R/H life raft cable guard install Dwg 12076A10R008 PG 2, Zone 2C.

Reference attached JPEG images.

Upon attempting to remove the R/H Dart raft hoist cable guard TAS maintainers noted that the Dwg Item 7 step attach aft screw P/N MS24694-C66 could not be withdrawn because the threads were stripped out of the screw hole in the frame.

Examination of the screw hole indicated that the threads appear to have been cut directly into the step frame parent material without benefit of a threaded insert.

This screw is the only one securing the aft end of the step. The A/C cannot be operated with the R/H raft installed and this screw not installed.

TAS request on an Urgent basis for SA approval to install a Helicoil on the aft frame's screw hole. EoM

Problem Resolution:

SA authorizes the use of a Helicoil on the aft frame's damaged screw hole IAW NASM33537



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