

## Grant Robinson

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**From:** McConnell, DAVE P <dave.p.mcconnell@lmco.com>  
**Sent:** Friday, November 17, 2017 11:54 PM  
**To:** Nakhon Avionics  
**Cc:** Grant Robinson; Daryl Dixon; Nakhon Supervisor Engineer; Mrazik, Philip; Atiporn Chiwcharoen  
**Subject:** Local repair of CSN 76-275 Mod Harness Assembly  
**Importance:** High

All

Case Number: C0074538  
Customer: Thai Aviation Services Limited  
Aircraft S/N: 761XXX  
Aircraft Model: S-76D  
ATA: 24  
Part Number: 12076C72M010-01  
Case Subject: CSN 76-275 Harness Miswire-Request For Local Repair

### Problem Description:

Reference

- 1) Case C0061636
- 2) Case C0070990
- 3) AMM T-Rev 24-34
- 4) CSN 76-275

Per the above referenced Cases, TAS has identified a total of three miswired Mod Harness Assemblies provided by SCI for CSN 76-275 compliance.

The first two miswired assemblies have been returned to SCI.

The third harness assembly remains at TAS pending receipt of a serviceable spare from SCI.

SCI has been unable to quote a delivery date.

TAS avionics have analyzed the nonconforming harness assembly in their custody and have verified that two wires at Relay K1 and Relay K2 were swapped in the following manner.

- 1) From J328K Pin 2 the wire went to K2/A2 and not K1/A2 as per the diagram.
- 2) From J328K Pin 1 the wire went to K1/A1 and not K2/A1 as per the diagram.

In order to expeditiously comply with CSN 76-275 on the last remaining unmodded A/C in the TAS fleet, TAS request SA approval for the following:

- 1) Correct the above noted miswiring on the harness assembly
  - 2) Install and perform operational test per CSN 76-275 Section 3, Paragraph D.
  - 3) Sign off compliance with CSN 76-275
- EoM

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

### Problem Resolution:

Sikorsky engineering was contacted for a review of the noted issue and approves the customer's request to:

- a) Locally correct the harness assembly miswiring.
- b) Install and perform operational test per CSN 76-275 Section 3, Paragraph D.
- c) Sign off compliance with CSN 76-275.

Note: Sikorsky QA has been copied on the Case details.

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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