

Grant Robinson

From: McConnell, DAVE P <dave.p.mcconnell@lmco.com>
Sent: Thursday, December 14, 2017 10:25 AM
To: Grant Robinson
Subject: S-92 Position Light Installation Procedure

Grant

Following is an updated version of the FTR response I sent recently regarding S-92 position light installation procedures. This e response was modified only to put it in standardized format. No technical changes have been made to the response.

Case Number: C0076382
Customer: Thai Aviation Services Limited
Aircraft S/N: 920XXX
Aircraft Model: S-92A
ATA: 33
Part Number: 92550-02017-050
Case Subject: Position Light-Modification Of Integral Harness

Issue Description:

Reference

- 1) Attached JPEG image
- 2) AMM Task 33-42-02-900-002

TAS troubleshooters have a requirement to replace an inoperative P/N OX33943/06 R/H position light on A/C SN 920279.

Reference the attached JPEG image. The replacement light assembly provided by SCI is P/N 92550-02017-050, which has an integral wiring harness and an environmentally sealed connector.

The connector will not fit through a bulkhead pass-through, and the harness itself appears to be too short for use on Sea State 6 equipped A/C.

AMM Task 33-42-02-900-002 – Installation of Side Position Lights - directs the maintainer to remove the installed light by cutting the existing splice and splicing onto the leads of the replacement light. This procedure appears to presume that the installed light is P/N OX33943/05 or /06, having only a pigtail harness.

The procedure in the Task does not specifically address the need to modify the -050 / -051 lights by cutting off the existing connector.

A/C S/N 920279 is presently restricted to VFR operations due to the inoperative position light. Ongoing monsoon weather significantly limits VFR flying, at times effectively grounding the A/C.

TAS request on a Work Stop basis:

- 1) Approval to modify P/N 92550-02017-050 / -051 light assemblies by cutting off the installed connector and splicing the resulting pigtail into the existing airframe harness.
- 2) Please advise if there are any parts or procedures required that are over and above normal standard practices for environmental splicing. EoM

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

Problem Resolution:

Engineering has no issue with this. Engineering will produce an EI with instructions to cut the harness and splice in a longer wire section.

The EI will drive an AMM update

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



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