

## Grant Robinson

---

**From:** McConnell, DAVE P <dave.p.mcconnell@lmco.com>  
**Sent:** Sunday, April 02, 2017 6:29 PM  
**To:** Grant Robinson  
**Subject:** RE: S92 MRH RIPS Harness Clip Replacement

Grant;

Per my 22 JUN 2015 memo (below)

The 92103-15005-105 electrical clip is replaced by P/N NAS1149E1490R.

The 92103-15005-042 electrical clip is replaced by P/N NAS1149E1290R.

I do not believe that the -104 electrical clip was ever addressed because it connects with a bonding jumper.

This FTR was meant to be a blanket response for the TAS fleet. Please let me know if you need a separate FTR for HVB. Also, it will be useful if you can confirm the MRH P/N and S/N so that I can accurately report the modification back to CSE for their records.

Grant;

Per the request of Craig Roberts to replace unused RIPS clips with NAS washers, the following FTR response is provided.

Log Number:	75828
FTR Number:	10615T084
FTR Date:	Jun 19 2015 1:42AM
Operator:	Thai Aviation Services (CHC)
Aircraft S/N:	920XXX
Aircraft Model:	S-92A
Part ID:	92103-15005-105/-042
Part Serial #:	N/A
CSE:	Pinamonti
ATA:	39
Ref Docs:	1) AMM CH 62-23-01 2) AMM CH 62-24-01 3) FTR 01915T160 CRM Log ID 74196
FTR Subject:	RIPS Electrical Clips-Replace With NAS Washers

### **Problem Description:**

TAS request a "No Objection" to remove the following RIPS electrical clips and replace them with the appropriate size NAS1149E-series washers.

TAS do not have RIPS installed on their A/C.

- 1) P/N 92103-15005-042 Clip, Electrical AMM CH 62-23-01 Fig 203 It 40
- 2) P/N 92103-15005-105 Clip, Electrical AMM CH 62-24-01 Fig 201 It 40

Please advise correct P/N of NAS1149E-series washers for each application.

Note - A similar request was previously made by another operator regarding the -105 clip. FTR 01915T160 CRM Log ID 74196 refers.

EoM

### **Problem Resolution:**

Engineering has no technical objection to allow the customer to replace the Electrical Clip 92103-15005-042 with Flat Washer NAS1149E1290R and/or 92103-15005-105 with Flat Washer NAS1149E1490R. However, this configuration is not currently covered by our drawing and/or Bill of Materials. It is our recommendation that the operators ensure the records of this change are maintained for future reference. Also, please provide Sikorsky with the aircraft S/N of any A/C that performs this modification.

Engineering will investigate this issue in more depth and will consider any possible actions.

**David P. McConnell**

Senior Field Service Representative  
Sikorsky Aerospace Maintenance  
BlackBerry +1 (203) 873-8552 (US)  
Efax +1 (860) 998-8791 (US)  
Cell +66 (0)8 7750-7920 (Thailand)

---

**From:** Grant Robinson [[mailto:Grant\\_r@tasl.co.th](mailto:Grant_r@tasl.co.th)]

**Sent:** Sunday, April 2, 2017 16:27

**To:** McConnell, DAVE P (TH) <[dave.p.mcconnell@lmco.com](mailto:dave.p.mcconnell@lmco.com)>

**Subject:** EXTERNAL: S92 MRH RIPS Harness Clip Replacement

Hi Dave

The boys tell me that you found part numbers for washers to be used in place of the RIPS Harness Electrical Clips. These clips are a pain if not needed. Attached is a diagram of the 3 clips we are looking to replace. Could you please advise. Thank you

Best Regards,

Grant Robinson  
Type Engineer – Sikorsky Products

Thai Aviation Services Ltd.  
Nakhon Si Thammarat Base  
Mobile: +66 (0)9-2224-5937  
Office: +66 (0)75-809-010 Ext. 4470  
Email: [grant\\_r@tasl.co.th](mailto:grant_r@tasl.co.th)



TAS web portal : <http://saas.tasl.co.th>

*The information contained in this message is confidential and is intended for the addressee only. If you have received this message in error or there are any problems please notify the originator immediately.*

*The unauthorised use, disclosure, copying or alteration of this message is strictly forbidden.*

TAS web portal : <http://saas.tasl.co.th>

*The information contained in this message is confidential and is intended for the addressee only. If you have received this message in error or there are any problems please notify the originator immediately.*

*The unauthorised use, disclosure, copying or alteration of this message is strictly forbidden.*