

## Grant Robinson

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**From:** Mcconnell, DAVE P <dave.p.mcconnell@lmco.com>  
**Sent:** Wednesday, January 17, 2018 2:01 PM  
**To:** Nakhon Avionics; Nakhon Stores; Grant Robinson  
**Cc:** Atiporn Chiwcharoen; Nakhon Supervisor Engineer; Mrazik, Philip  
**Subject:** RE: Resistors for Generator system in D models

All

Provided for info and guidance.

Following are resistors in the No. 1 and No. 2 relays panels, failure of which can lead to erratic and incorrect DC ST GEN amp readings. Please note that these resistors control generator amperage *display* only. Failure of a resistor can result in large amperage excursions displayed, but without the generator being taken off line by the GCU.

Case Number: C0073934  
Customer: Thai Aviation Services Limited  
Aircraft S/N: 761XXX  
Aircraft Model: S-76D  
Part Number: 76550-72004-013/-014  
Case Subject: S76D No. 1 And No. 2 Relay Panels-Inline Resistors P/N

### Problem Description:

Please confirm the P/Ns and values of the following resistors found in the S-76D No. 1 and No. 2 relay panels:

No. 1 Relay Panel – R13 / R17 / R18  
No. 2 Relay Panel - R31 / R32 / R33  
EoM

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

### Problem Resolution:

P/Ns and values of the following resistors found in the S-76D No. 1 and No. 2 relay panels:

No. 1 Relay Panel Assy is 76550-72004-056. Ref Dwg 76550-72004 SHT 12  
R13 P/N RLR05C1002FM – 10 K ohm  
R17 P/N RLR05C1002FM - 10 K ohm  
R18 P/N RLR05C1202FM – 12 K ohm

No. 2 Relay Panel Assy is 76550-72004-057. Ref Dwg 76550-72004 SHT 13  
R31 P/N RLR05C1202GS – 12 K ohm  
R32 P/N RLR05C1002FM – 10 K ohm  
R33 P/N RLR05C1002FM – 10 K ohm

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

Also, each EEC channel has one P/N 65049-20R-029 and one P/N 65049-20R-030 resistor in the wiring harness, adjacent to the connectors. Reference AMM 24-31-00 Figure 102 Part 5, Pages 163/164. Connector reference numbers P514 through P517, resistor numbers R500 through R507.

Dave

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**From:** McConnell, DAVE P (TH)  
**Sent:** Friday, November 10, 2017 16:07  
**To:** 'Nakhon Avionics' <[nakhon-avionics@tasl.co.th](mailto:nakhon-avionics@tasl.co.th)>; Nakhon Stores <[nakhon-stores@tasl.co.th](mailto:nakhon-stores@tasl.co.th)>; Grant Robinson <[Grant\\_r@tasl.co.th](mailto:Grant_r@tasl.co.th)>; Daryl Dixon <[daryl\\_d@tasl.co.th](mailto:daryl_d@tasl.co.th)>  
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**Subject:** RE: Resistors for Generator system in D models

Adding Phil

Please hold off ordering as I'm trying to work out some inconsistencies in the data I have. I'll do an FTR to ask for clarification and I'll let you know what comes back.

Dave

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**From:** Nakhon Avionics [<mailto:nakhon-avionics@tasl.co.th>]  
**Sent:** Friday, November 10, 2017 14:09  
**To:** Nakhon Stores <[nakhon-stores@tasl.co.th](mailto:nakhon-stores@tasl.co.th)>; Grant Robinson <[Grant\\_r@tasl.co.th](mailto:Grant_r@tasl.co.th)>; McConnell, DAVE P (TH) <[dave.p.mcconnell@lmco.com](mailto:dave.p.mcconnell@lmco.com)>; Daryl Dixon <[daryl\\_d@tasl.co.th](mailto:daryl_d@tasl.co.th)>  
**Cc:** Atiporn Chiwcharoen <[Atiporn\\_c@tasl.co.th](mailto:Atiporn_c@tasl.co.th)>; Nakhon Supervisor Engineer <[nakhon-se@tasl.co.th](mailto:nakhon-se@tasl.co.th)>  
**Subject:** EXTERNAL: Resistors for Generator system in D models

Good day Daryl

Dave has advised us to order the following resistor and keep in stock as they are hard to get and he said that they have had problems on other aircrafts with this resistor breaking.

There is no P/N in the IPC for this resistor and Dave gave us the part number.

K500/K501 resistor.  
P/N 65049-20R-029

Would we open a task card to order it or is there a way to order without opening a task card?

Regards

Avionics

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

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