



Syed Mohd Rastam Jamalulail Syed Ikmal Hashim <rastam.gam@gmail.com>

Re: 9M-PMD Transmission Over torque

3 messages

Ezhan Izzad Mohd Nor <ezhan@galaxyaerospace.my>

5 August 2022 at 08:32

To: Ahmad Mahmood Zaki <mahmood@galaxyaerospace.my>

Cc: Omar Ahmad <omar@galaxyaerospace.my>, syafrul@galaxyaerospace.my, Azillah Bin Matap <azillah@galaxyaerospace.my>, amran@galaxyaerospace.my, hazly@galaxyaerospace.my, Zulkarnaen Ibrahim <zulkarnaen@galaxyaerospace.my>, zaty nadhirah <zaty@galaxyaerospace.my>, ismail sulaiman <ismail@galaxyaerospace.my>, TECHNICAL SERVICES <tech.services@galaxyaerospace.my>, Syed Mohd Rastam Jamalulail Syed Ikmal Hashim <rastam@galaxyaerospace.my>, Mohd Nor Azlizan Bin Nordin <azlizan@galaxyaerospace.my>

Dear Mr.Mahmood,

LH is in the process of analysing the FDR data. In addition, they also would like a brief description of the occurrence from the crew so that they can be aware of all the aspects to be considered during the analysis.

Thank you.

Regards,

Ezhan Izzad Mohd Nor

Technical Services & Design Engineer

*for and on behalf of***GALAXY AEROSPACE (M) SDN BHD**Suite 11-14, Helicopter Centre, Malaysia International Aerospace Centre,
Sultan Abdul Aziz Shah Airport, 47200 Subang, Selangor Darul Ehsan.Website : www.galaxyaerospace.my☎ [+60377347226](tel:+60377347226) 📠 [+60377347526](tel:+60377347526)

On Thu, 4 Aug 2022 at 19:41, Ahmad Mahmood Zaki <mahmood@galaxyaerospace.my> wrote:

Dear Ezhan,

Listed below are the required information:

- 1) Aircraft status is AOG.
- 2) ASAP.
- 3) To be confirmed by Tech Service Engineer
- 4) Aircraft FH during occurrence is 1390:15

Kindest Regards,

Ahmad Mahmood Zaki

LAE

*for and on behalf of***GALAXY AEROSPACE (M) SDN BHD**Suite 11-14, Helicopter Centre, Malaysia International Aerospace Centre,
Sultan Abdul Aziz Shah Airport, 47200 Subang, Selangor Darul Ehsan.Website : www.galaxyaerospace.my☎ [+60377347226](tel:+60377347226) 📠 [+60377347526](tel:+60377347526)

On Thu, 4 Aug 2022 at 17:23, Ezhan Izzad Mohd Nor <ezhan@galaxyaerospace.my> wrote:

Dear Mr.Mahmood,

In order to better evaluate your request, could you provide the following info:

1. H/C 31809 Status (AOG, in maintenance, etc)
2. Next scheduled flight of this H/C
3. H/C SW phase
4. H/C FH when the occurrence happened

Thank you

Regards,

Ezhan Izzad Mohd Nor

Technical Services & Design Engineer

for and on behalf of

GALAXY AEROSPACE (M) SDN BHD



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On Thu, 4 Aug 2022 at 08:43, Ezhan Izzad Mohd Nor <ezhan@galaxyaerospace.my> wrote:

Dear Mr.Mahmood,

Noted on the request. TQ has been raised. TQ id: PSE/TQ/2022/75782.

Regards,

Ezhan Izzad Mohd Nor

Technical Services & Design Engineer

for and on behalf of

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On Wed, 3 Aug 2022 at 23:18, Ahmad Mahmood Zaki <mahmood@galaxyaerospace.my> wrote:

Dear Ezhan,

On August 02, 2022 around 1700H 9M-PMD was said to experience an "Over Torque" incident during training. When aircraft arrived at base on August 03, HUMS readings indicated the occurrence. Kindly seek clarification from Leonardo.

Attached MPFR data are for your reference.

[fd1 \(1\).fdr](#)

[fd2 \(1\).fdr](#)

Kindest Regards,

Ahmad Mahmood Zaki

LAE

for and on behalf of

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To: Ezhan Izzad Mohd Nor <ezhan@galaxyaerospace.my>
Cc: Omar Ahmad <omar@galaxyaerospace.my>, syafrul@galaxyaerospace.my, Azillah Bin Matap <azillah@galaxyaerospace.my>, amran@galaxyaerospace.my, hazly@galaxyaerospace.my, Zulkarnaen Ibrahim <zulkarnaen@galaxyaerospace.my>, zaty nadhirah <zaty@galaxyaerospace.my>, ismail sulaiman <ismail@galaxyaerospace.my>, TECHNICAL SERVICES <tech.services@galaxyaerospace.my>, Syed Mohd Rastam Jamalulail Syed Ikmal Hashim <rastam@galaxyaerospace.my>, Mohd Nor Azlizan Bin Nordin <azlizan@galaxyaerospace.my>

Dear Ezhan,

Pilot started to perform training for "Short Field Reject Take-off" and incidentally raised the collective lever while recovering, NR low meanwhile OEI automatically cancelled with PI indicated RED(114%) for a few seconds and back to normal. During that time the Torque Limiter switch is ON and RPM selected to 102. Auto rotation training also performed on August 02, for 6 times.

Kindest Regards,
Ahmad Mahmood Zaki
LAE

for and on behalf of

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Ezhan Izzad Mohd Nor <ezhan@galaxyaerospace.my>

6 August 2022 at 00:17

To: Ahmad Mahmood Zaki <mahmood@galaxyaerospace.my>

Cc: Omar Ahmad <omar@galaxyaerospace.my>, syafrul@galaxyaerospace.my, Azillah Bin Matap <azillah@galaxyaerospace.my>, amran@galaxyaerospace.my, hazly@galaxyaerospace.my, Zulkarnaen Ibrahim <zulkarnaen@galaxyaerospace.my>, zaty nadhirah <zaty@galaxyaerospace.my>, ismail sulaiman <ismail@galaxyaerospace.my>, TECHNICAL SERVICES <tech.services@galaxyaerospace.my>, Syed Mohd Rastam Jamalulail Syed Ikmal Hashim <rastam@galaxyaerospace.my>, Mohd Nor Azlizan Bin Nordin <azlizan@galaxyaerospace.my>, muzrim <muzrim@galaxyaerospace.my>

Dear Mr.Mahmood,

Here are clarification from LH regarding this matter, as follows:

We confirm that our final response has been made based on evaluation of the provided FDR data.

To further clarify, making reference to the enclosed plots:

- The overspeed event has been generated during autorotation: NR limit of 110% has been overcome for a total of 3 seconds, reaching maximum peak of 111.2%
- The overtorque event has been generated at the end of OEI training flight. Once in AEO, TQ have reached 132.5% (Eng#1) and 120.2% (Eng#2) for 1 second

Based on the above results and relevant events duration, we confirm that the aircraft do not require any corrective action to resume flight activities.

If you have any further queries, do let me know.

Regards,
Ezhan Izzad Mohd Nor
Technical Services & Design Engineer
for and on behalf of
GALAXY AEROSPACE (M) SDN BHD



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8/8/22, 5:19 PM

Gmail - Re: 9M-PMD Transmission Over torque

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