



TECHNICAL INFORMATION LETTER

TIL N° T-169-22-001

T-189-22-002

DATE: February 25, 2022

REV.: /

To: Leonardo Helicopters products
Owners / Operators / Service Centres

SUBJECT: AMMC FAULT ISOLATION PROCEDURE IMPROVEMENT

Helicopters Affected: AW169, AW189

Dear Customer,

With the present letter Leonardo Helicopters (LH) wishes to inform you that the Aircraft Mission Management Computer (AMMC) fault isolation procedures have been fully renewed with the intent to better manage AMMC-related failures, and identify the corrective actions needed to make the system serviceable again in a more effective way.

The updated procedures have been developed with the aim to increase Operators autonomy during troubleshooting, reducing the time required to return the helicopter to service and avoiding cases of unwanted replacement.

The updated procedures, listed in Annex A of this letter for your reference, will be published in the next IETP release, as follows:

- Update to AW169 IETP 18th issue, currently planned to be released by mid of March;
- Update to AW189 IETP 22nd issue, currently planned to be released by mid of March.

Should you need any additional information, please do not hesitate to refer to LH Engineering Support Team (engineering.support.lhd@leonardo.com).

Yours Sincerely,

Gabriele Bordino
Head of Product Support Engineering

Annex A

Procedures renewed and newly developed

AW169

- AFIP DM 69-A-46-00-00-00A-428A-A Aircraft mission management system - Observed fault isolation procedures.
- AFIP DM 69-A-46-00-00-10A-425A-A Aircraft mission management system - Fault Code 45-00010 - Fault isolation procedure.
- AFIP DM 69-A-46-00-00-11A-425A-A Aircraft mission management system - Fault Code 45-00011 - Fault isolation procedure.
- AFIP DM 69-A-46-00-00-12A-425A-A Aircraft mission management system - Fault Code 45-00012 - Fault isolation procedure.
- AFIP DM 69-A-46-00-00-13A-425A-A Aircraft mission management system - Fault Code 45-00013 - Fault isolation procedure.
- AMP DM 69-A-46-23-00-00A-55AA-A Mission management system - Data downloading.
- AMP DM 69-A-46-23-00-02A-340A-A Aircraft mission management system - AMMC boot log - Function test.
- AMP DM 69-A-46-23-00-03A-320A-A Aircraft mission management system - AMMC Data Base Update (DBU) - Operation test.
- AMP DM 69-A-46-23-01-00A-310A-A Number 2 aircraft mission management computer (AMMC2) - General visual inspection.
- AMP DM 69-A-46-23-02-00A-310A-A Number 1 aircraft mission management computer (AMMC1) - General visual inspection.
- AMP DM 69-A-46-23-03-00A-55AA-A Data transfer device (DTD) - Data downloading.
- AMP DM 69-A-46-23-03-00A-55AB-A Data transfer device (DTD) - Data downloading.

AW189

- AFIP DM 89-A-46-21-00-00A-421K-A Aircraft mission management system - Fault Code 45-00010 - Fault isolation procedure
- AFIP DM 89-A-46-21-00-00A-421L-A Aircraft mission management system - Fault Code 45-00011 - Fault isolation procedure
- AFIP DM 89-A-46-21-00-00A-421M-A Aircraft mission management system - Fault Code 45-00012 - Fault isolation procedure
- AFIP DM 89-A-46-21-00-00A-421N-A Aircraft mission management system - Fault Code 45-00013 - Fault isolation procedure
- AFIP DM 89-A-46-21-00-00A-428A-A Aircraft mission management system - Observed fault isolation procedures
- AMP DM 89-A-46-21-00-02A-340A-A Aircraft mission management system - AMMC boot log - Function test
- AMP DM 89-A-46-21-00-03A-320A-A Aircraft mission management system - AMMC Data Base Update (DBU) - Operation test
- AMP DM 89-A-46-21-01-00A-310A-A Number 1 aircraft mission management computer (AMMC1) - General visual inspection
- AMP DM 89-A-46-21-02-00A-310A-A Number 2 aircraft mission management computer (AMMC2) - General visual inspection
- AMP DM 89-A-46-21-05-00A-55AA-A Data transfer device (DTD) - Data downloading
- AMP DM 89-A-46-21-05-00A-55AB-A Data transfer device (DTD) - Data downloading