



TECHNICAL INFORMATION LETTER

TIL N° T-189-22-005

DATE: October 18, 2022

REV.: /

To: Leonardo Helicopters products
AW189/AW149 Owners / Operators / Service Centres

**SUBJECT: Emergency Life Raft System: Actuation Cable
Installation Inspection**

Helicopters Affected: AW189 / AW149

References:

- [1] AMP DMC 89-A-25-63-03-00A-720A-A Left life raft container - Install procedure
- [2] AMP DMC 89-A-25-63-03-00A-520A-A Left life raft container - Remove procedure

Dear Customer,

With the present letter Leonardo Helicopters (LH) would like to inform about the Alert Service Bulletin (ASB) SB189-315 that is going to be issued to require the inspection of the Actuation cable installation of life raft assemblies LH/RH (P/N 8G2560V00131 and P/N 8G2560V00231).

LH has been notified of a case of uncommand deployment of the ELS (Emergency Life Raft System) on an AW189 helicopter.

After detailed analysis, to minimize the possibility of an unwanted pre-tensioning in service, IETP (22nd issue) procedures at Reference [1] and [2] have been updated to further clarify life raft installation/removal steps.

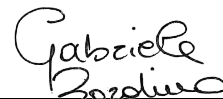
Emergency Life Raft System: Actuation Cable Installation Inspection

As a precautionary measure, the Alert Service Bulletin ASB189-315 also prescribes a one off inspection, to be performed no later than fifty (50) FH or three (3) months, whichever comes first, after the issue date of the SB, of the following ELS components:

- ELS control cable, for damage absence.
In case of cable damage detected during the inspection, ASB189-315 provides instructions for:
 - Cable replacement.
 - ELS cylinder inflation valve break-away pin check for absence of damage, cracks or missing parts. Additional check on correct position of the trigger ball end on the inflation valve is required.
 - ✓ Those inspections shall be performed by trained operators (certified by life raft OEM (Aerosekur)) or by authorized service stations.
 - ✓ If the Break-away pin is found damaged or the check for correct position of the trigger ball end on the inflation valve is not passed, the life raft shall be replaced and sent to authorized service stations for repair. In case life raft replacement is not intended to be performed immediately, reinstallation of life raft on the H/C is allowed provided that related life raft is set as inoperative.
- ELS intermediate pulley cover, check for damage, wear absence and correct installation.
In case of damage / wear detected during the inspection, ASB189-315 provides instructions for subject cover replacement.

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