



## TECHNICAL INFORMATION LETTER

TIL N° T-139-24-003

DATE: May 21, 2024

REV.: /

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To: Leonardo Helicopters products  
Owners / Operators / Service Centres

**SUBJECT: Emergency Flotation Control Panel Replacement**

Helicopters Affected: AW139 with Emergency flotation control panel  
P/N3G9560V00552 or P/N 3G9560V00553 installed.

References:

- [1] ISEN-22-005 dated December 01, 2022  
AW139 – In-Service Event in Brazil
- [2] ISEN-23-001 dated January 25, 2023  
AW139 – In-Service Event in Brazil
- [3] T-139-23-006 dated September 20, 2023  
Emergency Flotation System – Unintentional activation of guarded float pushbutton

Dear Customer,

Hereby, Leonardo Helicopters (LH) would like to inform you about the upcoming release of Alert Service Bulletin (ASB) ASB139-777.

A few cases of inadvertent float deployment have been recorded over the past few years on the AW139 fleet. The associated floats, floatation switches, collective grips, and float control panels removed from service following these events, were collected for analysis.

The deep evaluation of the data analysis conducted, the inspections performed on the helicopters and the relevant engineering evaluations carried out on the associated components, confirmed as root cause of the occurrences either:

- the inadvertent activation of the pushbutton on the Pilot or Copilot collective grip [REF.1 and 2];
  - The failure of a sub-component of the floatation system.
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## Emergency Flotation Control Panel Replacement

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With this letter, LH would also like to reiterate the importance to carefully handle the guarded float pushbutton on the Pilot or Copilot collective grip during flight operations or maintenance activities strictly following the Rotorcraft Flight Manual (RFM) and Aircraft Maintenance Publication (AMP) procedures in order to avoid any inadvertent floats deployment either in flight or on ground [REF. 3]

In addition to the above, in order to further enhance the early detection of a possible failure of the system, LH has recently introduced an improved version of the emergency floats control panel P/N 3G9560V00559 (NVG) and P/N 3G9560V00558 (non-NVG). This panel is able to detect possible failures of the float switches and float pushbuttons (in addition to inflation system), including intermittent functioning, during pre-flight checks and in-flight.

The ASB139-777 that is going to be released will require the replacement of the older P/N Float Control Panels [i.e. P/N 3G9560V00552 (NVG) or P/N 3G9560V00553 (non-NVG)], with the abovementioned Control Panels P/N 3G9560V00559 (NVG) or P/N 3G9560V00558 (non-NVG), respectively.

Should you need any additional information, please do not hesitate to refer to your usual contact within the LH Engineering Support Team.

Yours Sincerely,



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**Marco D'Adamo**  
Leonardo Helicopters  
Customer Support, Services & Training  
Head of Product Support Engineering