



## TECHNICAL INFORMATION LETTER

TIL N° T-139-23-004  
DATE: May 05, 2023  
REV.: /

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To: Leonardo Helicopters products  
Owners / Operators / Service Centres

**SUBJECT: SB139-738 – Tail Boom Assy Corrosion Prevention Improvement**

Helicopters Affected: All AB/AW139

Dear Customer/Operator,

With the present information letter, Leonardo Helicopters (LH) would like to promote initiatives that have been developed to deliver new solution answering our Customer needs.

LH is strongly committed to continuously improve its Products with a special focus on (but not limited to):

- components and installation reliability;
- aircraft maintainability and accessibility;
- maintenance instructions.

With the above purposes, please find in the Annex A, an overview of an additional corrosion prevention solution identified for the AW139 Tailboom Assy as one of the results of LH continuous product improvement process.

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

Yours Sincerely,

A handwritten signature in black ink, appearing to read "Marco D'Adamo", written over a horizontal line.

Marco D'Adamo  
Head of Product Support Engineering

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Annex A

<p><b>INITIATIVE: SB139-738 – Tail Boom Assy Corrosion Prevention Improvement</b></p>	
<p><b>Improvement description:</b></p> <p>Improvement action aimed to protect tailboom area from corrosion.</p> <p>Corrosion prevention on specific areas of the tailboom is realized through two modifications that require:</p> <ul style="list-style-type: none"> <li>- Modification in bonding contact introducing additional bonding plates, at STA 13000.</li> <li>- Increase gap between specific tailboom fairings, to avoid potential interference and damage of the existing protective compound.</li> </ul>	<p><b>Technical publication information:</b></p> <p>None.</p>
<p><b>Embodiment information</b></p> <p><u>New built helicopters:</u> Modification proposed introduced in production starting from 1Q 2023.</p> <p><u>In service helicopters:</u> Modification proposed can be embodied on in-service fleet through the application of SB139-738 (at Customer's option) planned to be released in May 2023.</p>	<p><b>Logistic Information</b></p> <p>Parts necessary to apply SB139-738 will be available in LH stock at the time of SB release.</p>
<p><b>Supplementary info:</b> none</p>	