



## TECHNICAL INFORMATION LETTER

TIL N° T-139-23-008

DATE: November 09, 2023

REV.: /

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To: Leonardo Helicopters products  
Owners / Operators / Service Centres

**SUBJECT: SB139-763 – Main Landing Gear Installation 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 solutions 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 Annex A an overview of the solution identified to improve the Main Landing Gear installation, with the aim to increase the reliability of the Socket P/N 3P5339A01031.

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)).

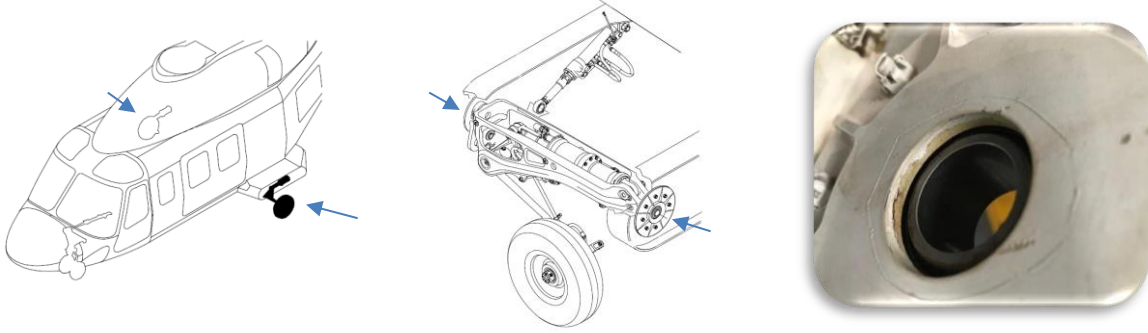
Yours Sincerely,

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

<b>INITIATIVE: AW139 Main Landing Gear Installation Improvement</b>	
<b>Main Landing Gear socket</b>	<b>P/N</b>
	3P5339A01031
	
<p><b>Improvement description:</b></p> <p>Installation of a shim P/N A864A2578E036T in position (1) in order to minimize the gap between the MLG trunnion and the brackets of the sponson, with the aim to avoid potential damage to the Socket P/N 3P5339A01031 and increase its reliability.</p>	<p><b>Technical publications information:</b></p> <p>Aircraft Maintenance Publication (AMP) and Illustrated Parts Data (IPD) update planned to be released with IETP issue 44th scheduled within 4Q 2023.</p>
<p><b>Embodiment information</b></p> <p><u>New built helicopters:</u> Modification proposed introduced in production starting from 1Q 2024.</p> <p><u>In service helicopters:</u> Modification proposed can be embodied on in-service fleet through the application of SB139-763 (at Customer's Option) released in October 2023.</p>	<p><b>Logistic Information</b></p> <p>Parts necessary to apply SB139-763 are available in LH stock.</p>
<b>Supplementary info:</b> none	