



## TECHNICAL INFORMATION LETTER

TIL N° T-139-21-005

DATE: October 22, 2021

REV.: /

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To: Leonardo Helicopters products  
Owners / Operators / Service Centres

**SUBJECT: Tail Gearbox Fitting Inspection**

Helicopters Affected: AW139

References:

[1] IL AW139-18-100

[2] IETP AMP Data Module 39-A-53-40-00-00A-31AC-A "Tail section - Tail gearbox attachment structure - Detailed inspection"

Dear Customer,

With the present letter Leonardo Helicopters (LH) would like to inform about an event of a Tail Gearbox (TGB) fitting found cracked on an in-service helicopter during scheduled maintenance.

As previously highlighted with Ref [1], LH remind the Customers about the importance to perform AMPI Chapter IV task MI53-01 in accordance with AMP DM at Ref [2] in order to detect in advance potential damage on the component. The referred procedure prescribes the use of a borescope that facilitates the inspection in some areas and provides a clearer view of eventual defect on the fitting.

As a precautionary measure, LH is going to issue the Alert Service Bulletin SB139-686 to prescribe a one off inspection of the TGB fitting with more than 3.000 FH, in accordance with AMP DM at Ref [2]. This advanced information is provided also to invite the Customers to procure in advance, if not yet available, the appropriate tooling and capabilities to comply with the instructions at Ref [2].

In the meanwhile, LH is progressing with further investigations on the cracked fitting. In case that any additional action on the in-service fleet will be deemed necessary, LH will share details and instructions through the usual communication channels.

## Tail Gearbox Fitting Inspection

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Should you need any additional information, please do not hesitate to refer to the point of contact provided with the Customer Support & Training Worldwide Directory, available on Leonardo Customer Portal at this [link](#).

Yours Sincerely,



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Gabriele Bordino  
Head of Product Support Engineering