

Our ref. PSE/CL/2021/025
Date: 08 February 2021

Subject: AW169/AW189 – HUMS Light Full Support Service extension

References:

- [1] PSE/2019/0549 dated 17 October 2019
AW169 Customers and Operators
- [2] PSE/2019/0372 dated 16 July 2019
AW189 HUMS Enhancement
- [3] PSE/2020/0363 dated 05 August 2020
AW169 – HUMS thresholds update for Tail Rotor Duplex Bearing monitoring
- [4] PSE/2020/0364 dated 05 August 2020
AW189 – HUMS thresholds update for Tail Rotor Duplex Bearing monitoring

Dear Customer,

Leonardo Helicopters (LH) is pleased to inform that the existing HUMS Light Full Support contracts have been extended until the 31st December, 2021.

As anticipated with letter at Reference [1] and [2], with the introduction of the SB 169-140 and SB 189-227, LH offered the possibility to enrol, free of charge, all the AW169/AW189 Helicopters with the HUMS Tail Rotor Actuator (TRA) Accelerometer retro-mod applied (refer to SB 169-140 and SB 189-227) into the Light Full Support Service. The aim of the Service is to support Customers in interpreting the HUMS data related to the monitoring of the new Tail Rotor Duplex Bearing (TRDB). The Service includes daily analyses performed on the dedicated Health Indexes and weekly reports provided to Customers.

Following the 2020 entry into service of this new capability, the thresholds set (reference [3] and [4]) updated in August 2020 are now confirmed and validated also from the in-service experience; this activity allows Customer in monitoring the TR rotating components, including the TRDB P/N MM6430V00151 established with the SB 169-162 and SB 189-254.

For Customers and Operators aircrafts currently not enrolled in the Light Full Support Service, your Customer Support Manager is available to provide all the service details and subscription proposal.

Leonardo – Società per azioni

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Should you need any additional information, do not hesitate to contact LH HUMS Support Team at the mailbox hums.mbx.aw@leonardocompany.com.

Yours Sincerely,

A handwritten signature in black ink that reads "Gabriele Bordino". The signature is written in a cursive style and is positioned above a horizontal line.

Gabriele Bordino
Head of Product Support Engineering