



TECHNICAL INFORMATION LETTER

TIL N° T-139-22-011

DATE: October 05, 2022

REV.: /

To: Leonardo Helicopters products
Owners / Operators / Service Centres

SUBJECT: Tail Rotor Duplex Bearing repetitive inspection

Helicopters Affected: AB/AW139

Dear Customer,

With the present letter, Leonardo Helicopters (LH) would like to inform about Service Bulletin (SB) SB139-728 that is going to be issued in order to prescribe repetitive inspection of the Tail Rotor Duplex Bearing (TRDB) P/N 3G6430V00151, P/N 3G6430V00152 or P/N 3G6430V00153.

This SB is issued in order to prescribe:

- **Part I:** a repetitive inspection for absence of rotation of the castellated trunnion installed on the back of the Tail Rotor Actuator (TRA), including application of slippage mark if not already present.
- **Part II:** a repetitive inspection of the TRDB to check its condition for absence of particles within bearing grease.
- **Part III:** a repetitive inspection of the TRDB to check for the absence of axial play and to perform a roughness check.

Inspections required by all SB parts will apply to all AB/AW139 helicopters equipped with TRDB that have not been removed or reinstalled on the TR Sliding Control Assembly. In particular, Part II and III will apply to all AB/AW139 helicopters equipped with TRDB that have not been removed or reinstalled on the TR Sliding Control Assembly and that have logged more than 1200 FH.

Being SB139-728 applicable to those TRDBs that have never been removed or reinstalled on the TR Sliding Control Assembly P/N 3G6430A02531, SB139-725 latest revision, will remain applicable.

Tail Rotor Duplex Bearing repetitive inspection

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

Yours Sincerely,



Gabriele Bordino
Head of Product Support Engineering