

Our Ref. PSE/CL/2021/44
Date: 25th February 2021

**Subject: AW109 – One Time Inspection of Tail Rotor Shaft Assy
P/N 109-0445-08-7/-113/-117**

Dear Customer/Operator,

With the present letter Leonardo Helicopters (LH) wishes to provide advanced information on the following Service Bulletins that are going to be released on AW109 Series helicopters:

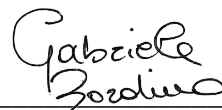
- 109-156
- 109K-074
- 109EP-175
- 109S-101
- 109SP-144
- 109BA-047
- 109L-115

Following a case of abnormal vibrations noticed during flight, subsequent detailed inspection revealed that the Output Shaft of the 90-Degree Gearbox was affected by cracking damage. Although the investigation to determine the root cause is still in progress, LH precautionary decided to issue the mentioned Service Bulletins to prescribe:

- One-time detailed inspection of the Tail Rotor, including a one-time NDT inspection with dye penetrant fluorescent liquids of the 90-Degree Gearbox Output Shaft.
- Recurring detailed inspection of the bushing of the Tail Rotor Sleeve assy (accessible portion, disassembly not required).

Should you need any additional information, do not hesitate to refer to the point of contact provided with the Customer Support & Training Worldwide Directory, available on the [Leonardo Customer Portal](#) or send an e-mail to engineering.support.lhd@leonardocompany.com.

Yours Sincerely,



Gabriele Bordino
Head of Product Support Engineering

Leonardo – Società per azioni

Registered office:

Piazza Monte Grappa, 4 - 00195 Roma - Italy

Tel. +39 06 324731 - Fax +39 06 3208621

Head office:

Via Indipendenza, 2 - 21018 Sesto Calende (VA) – Italy

Tel. +39 0331 915011 - Fax +39 0331 915142

elicotteri@pec.leonardocompany.com

Company Share Capital € 2.543.861.738,00 fully paid up

Tax Code & Company Register no. 00401990585

VAT no. 00881841001

R.E.A. no. 7031