



TECHNICAL INFORMATION LETTER

TIL N° T-109E-22-002
 T-109S-22-002
 T-109L-22-001

DATE: July 19, 2022

REV.: /

To: Leonardo Helicopters products
 Owners / Operators / Service Centres

**SUBJECT: Inspection and repair of the central fuselage frame assy at
 STA 1815**

Helicopters Affected: A109E, A109S, A109LUH/LOH Helicopters.

References:

[1] ISE 109E-005 – Inspection and repair of the central fuselage frame assy at STA 1815

Dear Customer,

With the present letter Leonardo Helicopters (LH) wishes to provide advanced information on a family of Service Bulletins that is going to be released for A109E, A109S and A109LUH/LOH models.

A few cases of cracks have been reported on in-service fleet at the fuselage the intersection of the lateral post (pylon) with the floor longeron at the STA 1815, either on the LH or RH side.

The Service Bulletins SB109EP-179 for A109E models, SB109S-109 for A109S models and SB109L-120 for A109LUH/LOH models, will be issued with the following requirements:

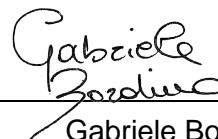
- Part I: Perform a recurring visual inspection for presence of cracks on helicopters with more than 1000 FH or 3500 landings every 100 FH, until compliance with Part III.
- Part II: Perform a liquid dye penetrant inspection in case of findings.
- Part III: Provides corrective actions to restore the installation, when applicable.

Additionally, SB 109EP-173 will be updated at Rev A to align the compliance time of Part II and III with the aforementioned requirements.

AW109 – Inspection and repair of the central fuselage fame assy at STA 1815

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