



TECHNICAL INFORMATION LETTER

TIL N°	T-109-23-002	T-109E-23-002
	T-109L-23-002	T-109S-23-002
		T-109SP-23-002
DATE:	March 15, 2023	
REV.:	/	

To: Leonardo Helicopters products
Owners / Operators / Service Centres

SUBJECT: Tail rotor housing and slider group disassembly and reassembly procedure update

Helicopters Affected: A109C, A109K2, A109E, A109S, AW109SP,
A109S with Trekker kit, A109LUH/LOH.

Dear Customer,

With the present letter, Leonardo Helicopters (LH) would like to inform you about the upcoming release of the Alert Service Bulletins 109-158, 109K-076, 109EP-180, 109L-121, 109S-115 and 109SP-154 related to the tail rotor housing and slider group of AW109 models.

LH has been informed of cases of ring-nut tighten loss; the analysis performed highlighted that the issues are likely determined by poor maintenance tasks accomplishment of the assembly instructions for the tail rotor housing and slider group.

LH highlights the importance to follow always the IETP Aircraft Maintenance Publications (AMP) procedures listed in Annex A.

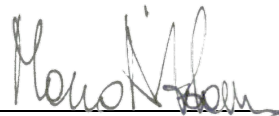
In addition to the above recommendation, LH is updating the content of the procedures listed in Annex A in order to provide additional guidelines, including a better identification of Vital Points (VP) for the assembly of the TR duplex bearing support.

The revised procedure will be published with IETP Issues detailed in Annex A. The aforementioned SBs will require the disassembling and reassembling of the tail rotor housing and slider group in accordance with the improved maintenance instructions.

Tail rotor housing and slider group disassembly and reassembly procedure update

Should you need any additional information, please do not hesitate to refer to your usual contact within LH Engineering Support Team.

Yours Sincerely,



Marco D'Adamo
Head of Product Support Engineering

Tail rotor housing and slider group disassembly and reassembly procedure update

Annex A

H/C MODEL	DM/ATA SECTION	DM ISSUE / ATA SECTION REV.	IETP ISSUE	DOCUMENT TITLE
A109S	AMP DM 0B-A-64-31-06-00A- 710A-B	13	31 (Updated on 2023-03-10)	Housing and slider group - Assemble procedure
A109TK	AMP DM 0B-A-64-31-06-00A- 710A-B	13	31 (Updated on 2023-03-10)	Housing and slider group - Assemble procedure
AW109SP	AMP DM 0B-A-64-31-06-00A- 710A-B	13	31 (Updated on 2023-03-10)	Housing and slider group - Assemble procedure
A109LUH/LOH	AM DM 09-A-64-31-10-00A- 710A-B	13	36 ⁽¹⁾ (Updated on 2023-03-10)	Duplex bearing housing and pitch change slider - Assemble procedure
A109C	MM 64-30	5	15 (Updated on 2023-03-10)	Pitch Change Mechanism
A109K2	MM 64-30	5	16 (Updated on 2023-03-10)	Pitch Change Mechanism
A109K2 10001-10015 & 10027	MM 64-31	6	7 (Updated on 2023-03-10)	Pitch Change Mechanism
A109E	MM 64-31	16	33 (Updated on 2023-03-10)	Pitch Change Mechanism

(1) IETP issue applicable to A109LUH SWE Helicopters. For the other A109LUH helicopter models refer to the latest IETP issue available, updated on 2023-03-10.

List of maintenance procedures to be updated