



## TECHNICAL INFORMATION LETTER

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|--------|---------------|-----------------|
| TIL N° | T-109-24-001  | T-109SP-24-003  |
|        | T-109E-24-001 | T-109BA-24-001  |
|        | T-109S-24-003 | T-109L-24-001   |
|        | DATE:         | August 01, 2024 |
|        | REV.:         | /               |

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To: Leonardo Helicopters products  
Owners / Operators / Service Centres

**SUBJECT: Tail rotor half-scissors installation check**

Helicopters Affected: A109C, A109K2, A109E, A109LUH/LOH, A109BA,  
A109S, A109S Trekker, AW109SP

Dear Customer,

Hereby, Leonardo Helicopters (LH) would like to inform you about the upcoming release of Alert Service Bulletins (ASBs) 109-161, 109K-079, 109EP-184, 109S-121, 109SP-164, 109BA-052 and 109L-123.

One event of a rear half-scissor found damaged has been notified on an AW109SP in-service helicopter. Based on the results of the relevant investigation, the primary cause of the event has been identified in an improper installation of the tail rotor rotating controls AFT half-scissor P/N 109-0130-92-105 and FWD half-scissors P/N 109-0130-93-105.

For this reason, the ASBs that are going to be published will prescribe a one-off visual inspection to verify the correct installation of the scissor and to prescribe the replacement of the rear half-scissors in case of findings.

ASBs and the applicable Aircraft Maintenance Publication (AMP) will also include additional guidelines for rotating controls installation/removal to avoid any potential misinterpretation and minimize the likelihood of occurrence of potential human error during maintenance activities.

A dedicated Temporary Maintenance Instruction (TMI) will be issued, in conjunction with the ASBs release, to anticipate the revision of the AMP procedures.


## Tail rotor half-scissors installation check

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

Yours Sincerely,



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**Marco D'Adamo**  
Leonardo Helicopters  
Customer Support, Services & Training  
Head of Product Support Engineering