



TECHNICAL INFORMATION LETTER

TIL N° T-189-21-003

DATE: December 15, 2021

REV.: /

To: Leonardo Helicopters products
Owners / Operators / Service Centres

SUBJECT: Engine Power Assurance Check

Helicopters Affected: AW189

Dear Customer,

With the present letter Leonardo Helicopters (LH) wishes to provide a reminder to its Community about the importance to perform the Engine Power Assurance Check (PAC).

For engine power margin trend monitoring purposes, it is recommended to carry out the PAC at least within FH interval indicated in Section 1 of the Rotorcraft Flight Manual (RFM).

For helicopters having Avionic Software Phase 4.0, 5.0 and 6.0 with Engine EECU SW v5.0, the RFM refers to both Manual and Automatic PAC. Although both Manual and Automatic PAC lead to the same purpose and can be considered equivalent, LH advice is to prefer the usage of the Automatic PAC due to the following advantages:

- it is easier to perform,
- it is less prone to human factor and the results of the calculation is already implemented on board,
- and, most important, it allows to collect data and make an automatic trend monitoring.

Indeed, by means of the Automatic PAC, the results can be consulted as trending in Heliwise by using the "EPC" (Engine Power Check) functionality: the Operators have the possibility to monitor the performance trend of the engines and take appropriate actions.

Should you need any additional information, please do not hesitate to refer to the point of contact provided with the Customer Support & Training Worldwide Directory, available on Leonardo Customer Portal at this [link](#).

Yours Sincerely,

A handwritten signature in black ink that reads "Gabriele Bordino".

Gabriele Bordino
Head of Product Support Engineering
