



AIRWORTHINESS DIRECTIVE

This Airworthiness Directive (AD) is issued pursuant to Canadian Aviation Regulation (CAR) 521.427. No person shall conduct a take-off or permit a take-off to be conducted in an aircraft that is in their legal custody and control, unless the requirements of CAR 605.84 pertaining to ADs are met. Standard 625 - Aircraft Equipment and Maintenance Standards Appendix H provides information concerning alternative means of compliance (AMOC) with ADs.

Number:

CF-2025-71

Effective Date:

13 January 2026

ATA:

05

Type Certificate:

E-39

Subject:

Time Limits/Maintenance Checks (TLMC) – New Airworthiness Limitations

Replacement:

Supersedes AD CF-2023-73, issued 3 November 2023.

Applicability:

Pratt & Whitney Canada (P&WC) model PW814GA and PW815GA engines, all serial numbers.

Compliance:

As indicated below, unless already accomplished.

Background:

P&WC, the manufacturer of the engine models affected by this AD, determined through re-analysis of certification and in-service data that certain engine components no longer meet the life limited component cyclic limits and mandatory scheduled inspection/maintenance intervals previously published in the airworthiness limitations manual (ALM).

To address a potentially unsafe condition for the engine and aircraft, AD CF-2023-73 required replacement or inspection as applicable of the affected components, prior to reaching their updated limits in the ALM.

Since then, more recent structural analyses from P&WC identified a need for updated life limits, inspections and repair limits on certain parts. Consequently, P&WC updated again the ALM to Issue No. 021 on 08 October 2025 for the affected parts. Failure to comply with these updated ALM items could lead to an unsafe condition and potentially damage the engine and aeroplane.

This AD, CF-2025-71 supersedes the requirements of AD CF-2023-73, by mandating the replacement, inspection or repairs of the affected parts, prior to reaching their limits in the updated ALM.

Corrective Actions:

- A. As of the effective date of this AD, no part shall be installed, or remain installed, unless it meets the limitations, maintenance tasks and associated thresholds, intervals and repair limitations described below in the P&WC ALM part number 33B1391, Issue No. 021, dated 08 October 2025:

1. Engine Parts – Service Life

Mandatory inspection and maintenance tasks required for life limited parts, and parts that influence life limited parts listed in “Table 2 Engine Components - Maintenance Tasks and Limitations” of the ALM data module code (DMC) PW800-A-05-10-00-00A-288B-D in accordance with the instructions in Table 2.

2. In-Service Inspection of Critical Parts

Inspection of the parts listed in the "Table 1 In-Service Inspection of Critical Parts" of the ALM DMC PW800-A-05-10-00-02A-282A-D in accordance with the instructions in the said DMC.

- B. The use of superseding ALM Temporary Revisions or later revisions of the ALM, approved by Transport Canada, is acceptable for compliance with the requirements of paragraph A.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Jenny Young
Chief, Continuing Airworthiness
Issued on 30 December 2025

Contact:

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