AD Number: CF-2026-59

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) to ADs.

Number:

CF-2026-59

Effective Date:

7 December 2026

ATA:

46

Type Certificate:

A-131

Subject:

Information Systems – Airplane Flight Manual (AFM) – Aircraft Performance – Non-conservative data found in certain regions of the AFM performance charts.

Applicability:

Bombardier Inc. aeroplanes:

Model CL-600-2A12 serial numbers 3001 through 3066, and

Model CL-600-2B16 serial numbers 5001 through 5194

Compliance:

As indicated below, unless already accomplished.

Background:

During a review of aircraft performance data, Bombardier identified non-conservative take-off performance information in the Challenger 601 AFM. Specifically, some climb gradient data applicable to low-temperature, low-altitude operations may not provide adequate performance margins. Non-conservative performance data could result in the use of incorrect take-off performance calculations and reduced safety margins.

This AD requires operation of the aeroplane in accordance with the applicable AFM revision containing corrected performance data

Corrective Actions:

Part I – AFM Revision

A. Within 60 days from the effective date of this AD, replace the applicable AFMs in accordance with the table below:

Aeroplane Serial Number	Aeroplane Model	AFM No.	AFM Revision
3001 - 3066	CL-600-2A12	PSP 601-1A (DOT)	AFM Revision 132, dated 1 October 2025, or later revisions of this procedure approved by Transport Canada (TC).
	CL-600-2A12	PSP 601-1A (US)	AFM Revision 127, dated 1 October 2025, or later revisions of this procedure approved by TC.
	CL-600-2A12	PSP 601-1A-1 (DOT/US)	AFM Revision 86, dated 1 October 2025, or later revisions of this procedure approved by TC.
	CL-600-2A12	PSP 601-1B (DOT/US)	AFM Revision 90, dated 1 October 2025, or later revisions of this procedure approved by TC.
	CL-600-2A12	PSP 601-1B-1 (DOT/US)	AFM Revision 88, dated 1 October 2025, or later revisions of this procedure approved by TC.
5001-5134	CL600-2B16	PSP 601A-1	AFM Revision 110, dated 1 October 2025, or later revisions of this procedure approved by TC.
5135 - 5194	CL600-2B16	PSP 601A-1-1	AFM Revision 99, dated 1 October 2025, or later revisions of this procedure approved by TC.

B. Within 60 days from the effective date of this AD, advise all flight crews of the changes introduced by the AFM revisions listed above and, thereafter, operate the aeroplane accordingly.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Jenny Young
Chief, Continuing Airworthiness
Issued on 23 November 2026

Contact:

Philip Lynch Continuing Airworthiness, Ottawa, telephone 1-888-663-3639, or e-mail TC.AirworthinessDirectives-Consignesdenavigabilite.TC@tc.gc.ca or any Transport Canada Centre.