



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-2025-63

Effective Date:

1 December 2025

ATA:

27

Type Certificate:

A-276

Subject:

Flight Controls – Elevator Control System – Autopilot Control Cable Failure

Applicability:

MHI RJ Aviation ULC (formerly Bombardier Inc.) model CL-600-2B19, CL-600-2C10, CL-600-2C11, CL-600-2D15, CL-600-2D24 and CL-600-2E25 aeroplanes, all serial numbers.

Compliance:

As indicated below, unless already accomplished.

Background:

Multiple events of elevator autopilot control cable failure leading to elevator control restriction were reported. Further investigation found that the autopilot control cable can fracture due to cyclic fatigue.

Failure of the elevator autopilot control cable may cause jamming of the elevator servo drum, restricting elevator movement in one direction. An elevator servo drum jam during the landing phase can result in insufficient elevator control authority and could lead to loss of continued safe flight and landing.

This AD requires the replacement of the elevator autopilot control cables.

Corrective Actions:

Replace the elevator autopilot control cables in accordance with Section 2.B. of the Accomplishment Instructions of the applicable Service Bulletin (SB) and within the compliance time shown in Table 1 below.

TABLE 1 - SB Applicability and Compliance Time

Aeroplane Model	Applicable SB	Elevator Autopilot Control Cable Total Hours Air Time	Compliance Time (from the Effective Date of this AD)
CL-600-2C10, CL-600-2C11, CL-600-2D15, CL-600-2D24 and CL-600-2E25	SB 670BA-27-078, Initial Issue, dated 01 October 2025, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada	More than 40 000	8 months
		Between 25 000 and 40 000	14 months
		Between 20 500 and 24 999	18 months
		Between 12 000 and 20 499	23 months
		Less than 12 000	Before the elevator autopilot control cables reach 16 000 total hours air time
CL-600-2B19	SB 601R-27-167, Initial Issue, dated 01 October 2025, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada	More than 40 000	14 months
		Between 12 000 and 40 000	18 months
		Less than 12 000	Before the elevator autopilot control cables reach 16 000 total hours air time

NOTE: If elevator autopilot cable total hours air time cannot be demonstrated, aircraft hours air time since entry into service to be used to determine compliance time.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Jenny Young
Chief, Continuing Airworthiness
Issued on 28 November 2025

Contact:

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