



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-2026-19

Effective Date:

11 May 2026

ATA:

27

Type Certificate:

A-236

Subject:

Flight Controls – Horizontal Stabilizer Trim Actuator (HSTA) – Incorrect Installation of the Lower Gimbal Ring Anti-Rotation Notches

Applicability:

Airbus Canada Limited Partnership (ACLPL) (formerly C Series Aircraft Limited Partnership (CSALP), Bombardier Inc.) aeroplanes:

Model BD-500-1A10, serial numbers 50001 through 50065, and 50067.

Model BD-500-1A11, serial numbers 55001 through 55193, 55195, 55196, 55198, 55200, 55201, 55205, 55210 through 55224, 55226, 55227, 55229, 55230, 55232, 55233, 55235, 55236, 55238, and 55240.

Compliance:

As indicated below, unless already accomplished.

Background:

ACLPL discovered a production quality escape, where the primary gimbal sleeves may not be installed correctly and causing damage on the HSTA lower gimbal ring anti-rotation notches. This condition, if not corrected, could compromise the load path of the HSTA and cause a jam of the horizontal stabilizer leading to a significant reduction of pitch control authority of the aeroplane.

To address this unsafe condition, this AD requires the inspection of the HSTA lower gimbal anti-rotation notches for damage and if required, the replacement of the HSTA.

Corrective Actions:

Before accumulating 25 500 total flight cycles, perform a detailed visual inspection of the HSTA lower gimbal anti-rotation notches for damage, and if damage is found, before further flight, replace the HSTA with a new or serviceable HSTA, in accordance with the procedure in Section 3 of the Accomplishment Instructions of the ACLPL Service Bulletin BD500-274009, Issue 001, dated 30 January 2026, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Jenny Young
Chief, Continuing Airworthiness
Issued on 27 April 2026

Contact:

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