



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-2026-49

Effective Date:

22 October 2026

ATA:

76

Type Certificate:

A-236

Subject:

Engine Controls – Throttle Quadrant Assembly – Throttle Lever Jamming

Applicability:

Airbus Canada Limited Partnership (ACLP) (formerly C Series Aircraft Limited Partnership (CSALP), Bombardier Inc.) model BD-500-1A10 and model BD-500-1A11 aeroplanes, all serial numbers.

Compliance:

Within 1100 hours air time from the effective date of this AD, unless already accomplished.

Background:

An in-service event was reported where the left throttle lever could not be retarded from a high N1 setting in flight. Subsequent investigation discovered the thrust reverser lockout cam had detached inside the throttle quadrant assembly (TQA) due to insufficient torque application in production. This resulted in loss of clamping force in the cam-to-lever joint and inability to retard the throttle lever.

This condition, if not corrected, could lead to increased cases of loss of thrust control (LOTC) and in-flight shutdown (IFSD), which combined with a rejected take-off or other IFSD, respectively, may result in loss of control of the aeroplane. To address the subject quality escape, ACLP released a Service Bulletin (SB) to remove and replace affected TQA.

This AD mandates the replacement of affected TQA and prohibits the installation of the affected TQAs.

Corrective Actions:

For the purpose of this AD, the following definitions apply:

ACLP SB: ACLP SB BD500-761001 Issue 001, dated 16 June 2026, or later revision approved by the Chief, Continuing Airworthiness, Transport Canada (TC).

Affected TQA: TQA part number 3F1223D with serial number 0191, 0192, 0193, 0200, 0201, 0204, 0205, 0206, unless the TQA has been inspected, repaired and labeled in accordance with Woodward SB 3F1223-76-0001, as documented in the ACLP SB.

Serviceable TQA: is a TQA which is not an affected TQA.

Part I – Replacement of the Affected TQAs

Within the specified compliance time above:

- A. Remove the affected TQA in accordance with step 3.2, section 3 Procedure, of the Accomplishment Instructions of ACLP SB.
- B. Install a serviceable TQA in accordance with step 3.4, section 3 Procedure, of the Accomplishment Instructions of ACLP SB.

Part II – Installation Prohibition of Affected TQAs

As of the effective date of this AD, it is prohibited to install an affected TQA.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Jenny Young
Chief, Continuing Airworthiness
Issued on 8 October 2026

Contact:

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