



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-2025-11

Effective Date:

17 March 2025

ATA:

25

Type Certificate:

A-236

Subject:

Equipment/Furnishings – Overhead Stowage Compartment Tie – Improper Tie Rod Thread Engagement

Applicability:

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

Model BD-500-1A10, serial numbers 50001 through 50061 and 50063 through 50065;

Model BD-500-1A11, serial numbers 55001 through 55172.

Compliance:

Within 48 months from the effective date of this AD, unless already accomplished.

Background:

During a quality inspection carried out during production, it was found that some of the tie rods supporting the overhead stowage compartments in the passenger cabin did not have enough thread engagement of the turnbuckle into the tie rod. The investigation of the deficiency determined that all overhead stowage compartments in the passenger cabin have the potential of being impacted by this deficiency. The affected tie rods support the overhead stowage compartments during an emergency landing and if they become disengaged the overhead stowage compartments have the potential of impacting occupants of the passenger cabin.

To address this unsafe condition, this AD mandates the inspection and if required adjustment of the affected tie rods to ensure proper thread engagement and load carrying capacity.

Corrective Actions:

Inspect the affected tie rods to ensure proper thread engagement and if the tie rod is found to have inadequate thread engagement, adjust the tie rod engagement. The inspection and adjustment are to be done in accordance with the procedure in section 3 of the Accomplishment Instructions of ACLP service bulletin (SB) BD500-252061 Issue 001, dated 20 February 2025 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 3 March 2025

Contact:

Scott W. Wales, Continuing Airworthiness, Ottawa, telephone 888-663-3639, facsimile 613-996-9178 or e-mail TC.AirworthinessDirectives-Consignesdenavigabilite.TC@tc.gc.ca or any Transport Canada Centre.