



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-2025-48

Effective Date:

29 September 2025

ATA:

25

Type Certificate:

A-236

Subject:

Equipment/Furnishings – Insulation Installation – Insufficient Overlap

Applicability:

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

Model BD-500-1A10, serial numbers 50001 to 50084.

Model BD-500-1A11, serial numbers 55001 to 55354 and 55356.

Compliance:

Within 36 Months or 7,500 hours from the effective date of the AD, whichever comes first. As indicated below, unless already accomplished.

Background:

ACLP Engineering determined that insulation blankets between frame 27 and 29 at approximately STR 23 LH do not have the required 6-inch overlap.

The insulation blankets are used to prevent / delay fire penetration in the cabin following a post-crash / post-impact fire event. Following such event, fire could pass through the gap between blankets of insufficient overlap.

The reduced overlap has the potential to reduce the time it takes for an external fire to burn through the fuselage and affect cabin occupants before a full evacuation has been completed.

This AD mandates the replacement of the insulation blanket Part Number (P/N) PFCS1-4302-535 or P/N PFCS1-4302-465-N0001 with insulation blanket P/N KC25865941001-101 to restore the minimum required overlap of the insulation blankets.

Corrective Actions:

Remove insulation blanket P/N PFCS1-4302-535 or P/N PFCS1-4302-465-N0001 and replace with insulation blanket P/N KC25865941001-101 in accordance with the Accomplishment Instructions of Airbus Canada Service Bulletin BD500-258007, Issue 001, dated 31 July 2025, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

As of the effective date of this AD, the insulation blankets P/N PFCS1-4302-535 and PFCS1-4302-465-N0001 are not eligible for installation on BD-500-1A10 and BD-500-1A11 aeroplanes.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Jean Grenier
Acting Chief, Continuing Airworthiness
Issued on 15 September 2025

Contact:

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