



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-2024-08

Effective Date:

14 March 2024

ATA:

52

Type Certificate:

A-236

Subject:

Doors – Overwing Emergency Exit Door (OWEED) Escape Slide Mechanism – Rigging Pin Left Installed

Applicability:

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

Model BD-500-1A10, serial numbers 50010 through 50018,

Model BD-500-1A11, serial numbers 55003 through 55016, 55018 through 55068, 55071 through 55074, 55076 through 55079, 55081 through 55083, 55086 through 55095, 55097, 55098, 55100, 55102, 55103 and 55105.

Compliance:

Within 12 months from the effective date of this AD, unless already accomplished.

Background:

It was reported that during a maintenance activity, the left-hand OWEED escape slide could not be deployed in either automatic or manual mode. A rigging pin from production was found in the left-hand side bulkhead internal crank assembly. This prevented the deployment of the off-wing evacuation slide. Further investigation found that other rigging pins used in production may have been left installed on the left-hand side (LHS) and right-hand side (RHS) mechanisms of the OWEED escape slide on other aeroplanes currently in-service.

To address this unsafe condition, this AD mandates the removal of the affected rigging pins from the bulkhead internal crank assembly if they are found installed.

Corrective Actions:

Inspect the LHS and RHS OWEED escape slide mechanism to determine if the rigging pin is installed and, if installed, remove the rigging pin before further flight in accordance with the Accomplishment Instructions of ACLPL Service Bulletin BD500-522004 Issue 001, dated 8 February 2024, 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 29 February 2024

Contact:

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