



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-2021-39

Effective Date:

24 November 2021

ATA:

52

Type Certificate:

A-236

Subject:

Doors – Emergency Exits – Overwing Emergency Exit Door Handle Cover – Opening Force Exceeds Design Limits

Applicability:

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

Model BD-500-1A10, serial numbers 50020 through 50040,

Model BD-500-1A11, serial numbers 55047, 55048, 55050 through 55054 and 55056.

Compliance:

Within 6 months from the effective date of this AD, unless already accomplished.

Background:

On the final assembly line, it was found that the Overwing Emergency Exit Door (OWEED) handle cover was difficult to open on some aeroplanes. An investigation revealed that the brackets of certain OWEED handle covers are prone to flexure, thus increasing the force required to remove the OWEED handle cover beyond design requirements. The OWEED handle cover must be removed in order to access the emergency exit in an emergency. This condition, if not corrected, could hinder passenger evacuation.

This AD mandates replacement of the OWEED handle cover brackets on affected aeroplanes with a different design to reduce the force required for removal.

Corrective Actions:

Remove and replace the OWEED handle cover brackets in accordance with the Accomplishment Instructions of Airbus Canada Service Bulletin BD500-252035, Issue 001, dated 30 September 2020, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Rémy Knoerr
Chief, Continuing Airworthiness
Issued on 10 November 2021

Contact:

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