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-2026-26

Effective Date:

3 July 2026

ATA:

53

Type Certificate:

A-236

Subject:

Fuselage – Corrosion on Waste Box, Waste Access Doubler and Waste Service Door of Aft Waste Service Port

Replacement:

Supersedes AD CF-2020-42, issued 16 October 2020.

Applicability:

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

Model BD-500-1A10, serial numbers 50001 through 50047,

Model BD-500-1A11, serial numbers 55001 through 55063.

Compliance:

As indicated below, unless already accomplished.

Background:

Corrosion due to leakage of wastewater from the waste service panel ball valve has been reported on the waste box, waste access doubler, and waste service door at the rear fuselage. Some corrosion findings have been severe enough to require structural repairs or replacement of the affected parts. Uncorrected, this corrosion can lead to cracks or holes in the waste box or aeroplane skin, which can lead to cabin pressure leakage or catastrophic structural damage.

ACLP has released Service Bulletin (SB) BD500-536004 to apply protective coatings on the waste box, waste access doubler, and waste service door to inhibit future corrosion development. This SB also instructs to inspect for corrosion and to repair any corrosion found before applying these protective coatings. To mitigate the risks associated with corrosion on the waste box and waste access doubler, AD CF-2020-42 required the actions specified in SB BD500-536004 to be performed.

Since AD CF-2020-42 was issued, ACLP has revised SB BD500-536004, designating the existing instructions as Part A and introducing a new Part B applicable to certain aeroplanes. Part A improves the accomplishment instructions in prior issues of the SB by removing the application of Corrosion-Inhibiting Compound (CIC) and ensuring a full application of Secondary Fuel Vapor Barrier (SVFB) to the entire waste box. Part B, applicable to those aeroplanes that have accomplished a previous issue of the SB and have also incorporated ACLP Service Non Incorporated Engineering Order (SNIEO) C01342001-S001, provides instructions to perform additional repairs to the waste access doubler, replace the fillet sealant in the waste box and waste service door, remove any CIC, and apply SVFB where CIC is removed.

This AD, CF-2026-26, mandates Part B of SB BD500-536004 for applicable aeroplanes and otherwise maintains the requirements of AD CF-2020-42.

Corrective Actions:

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

Group A aeroplanes: Model BD-500-1A10 aeroplanes having serial numbers 50001 through 50047, and model BD-500-1A11 aeroplanes having serial numbers 55001 through 55063.

Group B aeroplanes: Group A aeroplanes that have accomplished both ACLP SNIEO C01342001-S001 and Issue 001 or Issue 002 of SB BD500-536004.

Note: An aeroplane can be in both Group A and Group B.

ACLP SB: ACLP SB BD500-536004 Issue 003, dated 20 February 2026, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

Part I – Application of Additional Waste Box Protection – Applicable to Group A aeroplanes

A. In accordance with the applicable compliance time indicated in Table 1 and the procedure in Section 3 of Part A of the Accomplishment Instructions of the ACLP SB, inspect the waste box, waste access doubler, and waste service door for corrosion, repair any corrosion found, and apply corrosion protection.

Table 1 – Compliance Times for Part I, Paragraph A

Model	Compliance Time
BD-500-1A10	Within 14 200 flight cycles or 56 months from the aeroplane date of manufacture, as identified on the identification plate of the aeroplane, whichever occurs first
BD-500-1A11	Within 9900 flight cycles or 56 months from the aeroplane date of manufacture, as identified on the identification plate of the aeroplane, whichever occurs first

B. Incorporation of earlier revisions of the ACLP SB, prior to the effective date of this AD, also meets the intent of Paragraph A of Part I of this AD.

Part II – Modification of Additional Waste Box Protection – Applicable to Group B aeroplanes

Within 9800 hours air time from the effective date of this AD, inspect the waste box, waste access doubler, and waste service door for corrosion, repair any corrosion found, and apply corrosion protection, in accordance with the procedure in Section 3 of Part B of the Accomplishment Instructions of the ACLP SB.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Jenny Young
Chief, Continuing Airworthiness
Issued on 19 June 2026

Contact:

Andre Alvarez, Continuing Airworthiness, Ottawa, telephone 1-888-663-3639, e-mail TC.AirworthinessDirectives-Consignesdenavigabilite.TC@tc.gc.ca or any Transport Canada Centre.