



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-2021-25

Effective Date:

5 August 2021

ATA:

25

Type Certificate:

A-236

Subject:

Equipment/Furnishings – Monuments – Tie-Rod Preload on Interior Monuments

Applicability:

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

Model BD-500-1A10, serial numbers 50010 through 50040;

Model BD-500-1A11, serial numbers 55003 through 55057.

Compliance:

As indicated below, unless already accomplished.

Background:

It was discovered in production that some tie-rod assemblies may have been overtightened during the installation of the monuments. Preloading the tie-rods will induce unwanted stress in the monument and may cause the monument to become unconstrained in an emergency landing, potentially blocking exits and injuring occupants.

This AD mandates an inspection of the affected tie-rod assemblies and an adjustment if required to remove any preload.

Corrective Actions:

Inspect and adjust the tie-rod assemblies in accordance with the Accomplishment Instructions of Airbus Canada Service Bulletin (SB) BD500-252038 Issue No. 001, dated 23 June 2021, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada, within the following compliance time:

- A. For tie-rod assemblies in the aft cabin galleys and lavatories and, as applicable, in the left forward cabin stowage and wardrobe, within 4900 hours air time from the effective date of this AD, in accordance with Part B and Part C of the above-mentioned SB.
- B. For tie-rod assemblies in the forward cabin galleys and the right forward cabin stowage, within 9350 hours air time from the effective date of this AD, in accordance with Part A of the above-mentioned SB.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Jean Grenier
Acting Chief, Continuing Airworthiness
Issued on 22 July 2021

Contact:

Barry Devereux, 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.