



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) to ADs.

Number: CF-2017-31
Effective Date: 6 October 2017
ATA: 53
Type Certificate: A-177
Subject: Fuselage - Replacement of Attachments for Belly Fairing Access Panels

Applicability:

Bombardier Inc. model BD-700-1A10 and BD-700-1A11 aeroplanes, serial numbers 9002 to 9770, 9772 to 9781 and 9998.

Compliance:

Within 15 months from the effective date of this AD, unless already accomplished.

Background:

There have been multiple in-service occurrences where operators reported in-flight departure of the aft belly fairing access panels, 185CL and/or 186CR. There has been no damage reported to the affected aircraft to date, however departure of the panels in any phase of flight could create runway hazards or a hazard to persons and property on the ground.

Bombardier Inc. has issued Service Bulletins (SBs) to incorporate new self-locking nutplates with associated hardware (retaining rings and studs) to improve fastener engagement. A bracket has also been added to provide two additional panel attachment points.

This AD requires the incorporation of these design changes to prevent departure of the two aft belly fairing access panels in flight and the associated risk on the ground.

Corrective Actions:

Incorporate the accomplishment instructions of the applicable Bombardier Inc. SB, as shown in the table below.

Aeroplane Model	Bombardier Inc. SB	Date
BD-700-1A10	700-53-050, Revision 01	16 December 2016
	700-53-6008, Revision 01	16 December 2016
BD-700-1A11	700-1A11-53-025, Revision 01	16 December 2016
	700-53-5009, Revision 01	16 December 2016

Accomplishment of the above-mentioned SBs at revision Basic Issue, dated 14 July 2016, prior to the effective date of this AD, also satisfies the requirements of this AD.

Aeroplanes that have incorporated Bombardier Inc. Service Request for Product Support Action (SRPSA) 124026 have met the intent of this AD.

Accomplishment of later revisions of the above-mentioned SBs approved by the Chief, Continuing Airworthiness, Transport Canada, also satisfies the requirements of this AD.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Rémy Knoerr
Chief, Continuing Airworthiness
Issued on 22 September 2017

Contact:

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