



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-2016-14R1

Effective Date:

3 August 2018

ATA:

53

Type Certificate:

A-131

Subject:

Fuselage – Excessive Tape on Floor Structure

Revision:

Supersedes AD CF-2016-14, issued 18 May, 2016.

Applicability:

Bombardier Inc. aeroplanes:

Model CL-600-2C10, serial numbers 10002 through 10342,

Model CL-600-2D15 and CL-600-2D24, serial numbers 15001 through 15347,

Model CL-600-2E25 serial numbers 19001 through 19040.

Compliance:

Within 16 800 hours air time from the effective date of the original version of this AD, 18 May 2016, unless already accomplished.

Background:

An inspection revealed that the protective polyurethane tape applied to the upper surfaces of the aluminum and titanium floor structural members installed on CRJ 700/900/1000 aeroplanes may not be trimmed properly and in some places may overhang the profiles of the floor structural parts. Subsequent tests revealed that the overhanging pieces of tape which are not bonded to the structure, do not meet the flammability requirements. If not corrected, this condition may allow fire propagation below the floor structure.

This AD was issued to mandate the inspection and removal of any excessive pieces of overhanging tape found on the floor structure.

Revision 1 of this AD is issued to extend the compliance time of 12 600 hours air time, specified in the original version of this AD, to 16 800 hours air time, which is in-line with the recently approved extension to the maintenance check intervals.

Corrective Actions:

Inspect and, if required, trim all excessive tape that overlaps the floor structure beams and members. Bombardier Service Bulletin (SB) 670BA-53-055, Revision B, dated 31 October 2017, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada, provides approved instructions for the inspection and trimming of the excessive tape.

Accomplishment of SB 670BA-53-055, Initial Issue, dated 3 December 2015, and Revision A of this SB dated 22 March 2017, also meets the requirements of this AD.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Rémy Knoerr
Chief, Continuing Airworthiness
Issued on 20 July 2018

Contact:

Gordanko Jeremic, Continuing Airworthiness, Ottawa, telephone 1-888-663-3639, facsimile 613-996-9178 or e-mail AD-CN@tc.gc.ca or any Transport Canada Centre.