



# AIRWORTHINESS DIRECTIVE

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*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-2018-25

**Effective Date:**

17 October 2018

**ATA:**

53

**Type Certificate:**

A-131

**Subject:**

Fuselage – AFT Fuselage Fitting Not Heat Treated

**Applicability:**

Bombardier Inc. aeroplanes:

Model CL-600-2D15 and CL-600-2D24, serial numbers 15336 through 15343, 15351, and 15358 through 15362,

Model CL-600-2E25, serial number 19041.

**Compliance:**

As indicated below, unless already accomplished.

**Background:**

Bombardier Aerospace (BA) has informed Transport Canada that a batch of AFT fuselage fittings were not heat treated to the required material specification. Due to the absence of heat treatment for those parts, the affected AFT fuselage fittings have very low mechanical properties and there is a possibility for undetected cracks to develop as a result of mooring operations, which could lead to aircraft structural failure.

This AD mandates the removal and replacement of the affected AFT fuselage fittings.

**Corrective Action:**

Within 8800 hours air time from the effective date of this AD, remove and discard affected AFT fuselage fittings and replace with new heat treated AFT fuselage fittings in accordance with Part C of the Accomplishment Instructions of BA Service Bulletin 670BA-53-056, dated 11 February 2016, 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 3 October 2018

**Contact:**

Marie-Claude Cardinal, Continuing Airworthiness, Ottawa, telephone 1-888-663-3639, facsimile 613-996-9178 or e-mail [AD-CN@tc.gc.ca](mailto:AD-CN@tc.gc.ca) or any Transport Canada Centre.