



# 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-2017-10

**Effective Date:**

13 March 2017

**ATA:**

27

**Type Certificate:**

A-131

**Subject:**

Flight Controls - Rudder Control System - Replacement of the Left and Right Rudder Yoke Assemblies

**Applicability:**

Bombardier Inc. aeroplanes:

Model CL-600-2C10, serial number 10343;

Model CL-600-2D15 & CL-600-2D24, serial numbers 15326 through 15370;

Model CL-600-2E25, serial numbers 19041 through 19042.

**Compliance:**

Within 6600 hours air time from the effective date of this AD, unless already accomplished.

**Background:**

Bombardier Aerospace has informed Transport Canada that a number of rudder yoke components were received which had not been properly inspected at the supplier. The rudder yoke supplier discovered that the crack detection inspection was omitted following the manufacturing of some components. A cracked rudder yoke may affect rudder function on the affected side and could result in difficulties in maneuvering the aeroplane.

This AD was issued to mandate the replacement of the left and right rudder yoke assemblies.

**Corrective Actions:**

Replace the left and right rudder yoke assemblies in accordance with Bombardier Service Bulletin (SB) 670BA-27-073, Initial Issue, dated 23 November 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 27 February 2017

**Contact:**

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