



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:	Effective Date:
CF-2017-06	14 February 2017
ATA:	Type Certificate:
22	A-131

Subject:
Rudder Controls – Yaw Damper Uncommanded Movement

Applicability:
Bombardier Inc. model CL-600-2B19, CL-600-2C10, CL-600-2D15 and CL-600-2D24 aeroplanes.

Compliance:
Within 6600 hours air time or 36 months, whichever occurs first, from the effective date of this AD, unless already accomplished.

Background:
AD CF-2013-13 was issued on 28 May 2013 to mandate the introduction of an emergency procedure to the Aeroplane Flight Manual to address the uncommanded rudder movement.

Since the original issue of AD CF-2013-13, Bombardier Aerospace has developed a wiring modification for the yaw damper control system to prevent uncommanded movement of the rudder.

This AD mandates the wiring modification for the yaw damper control system as the terminating action to previous AD CF-2013-13.

Corrective Actions:
Incorporate modification of the wiring harness for the yaw damper in accordance with the accomplishment instructions listed in the following applicable Service Bulletins (SB):

Aeroplane Model	Aeroplane Serial Numbers	Applicable SB
CL-600-2B19	7002 through 8999	SB 601R-22-017, Revision C, dated 11 May 2016, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada
CL-600-2C10 CL-600-2D15 and CL-600-2D24	10002 through 10344 15001 through 15400	SB 670BA-22-007, Revision A, dated 16 February 2016, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada

Accomplishment of SB 601R-22-017, Revision NC, dated 24 September 2014, in conjunction with Bombardier Service Non-Incorporated Engineering Order (SNIEO) K601R50211 S02, or SB 601R-22-017, Revision A, dated 26 February 2015 in conjunction with Bombardier SNIEO K601R50211 S03 or S04, or SB 601R-22-017, Revision B, dated 16 July 2015, meet the requirements of this AD applicable to CL-600-2B19 model.

Accomplishment of SB 670BA-22-007, Revision NC, dated 15 October 2014, also meet the requirements of this AD applicable to CL-600-2C10, CL-600-2D15, and CL-600-2D24 models.

After 24 months from the effective date of this AD, it is prohibited for anyone to install the yaw damper actuator part number 622-9968-001 unless the above applicable SBs have been incorporated on the aeroplane.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Craig McAllister
Acting Chief, Continuing Airworthiness
Issued on 31 January 2017

Contact:

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