



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-2016-17R2

Effective Date:

5 July 2016

ATA:

57-40

Type Certificate:

A-131

Subject:

Wings - Life Limit Introduction for Side Brace Fitting Shaft Installed on Main Landing Gear (MLG)

Revision:

Supersedes AD CF-2016-17R1, issued 9 June 2016.

Applicability:

Bombardier Inc.:

Model CL-600-1A11 aeroplanes, serial numbers 1004 through 1085;
Model CL-600-2A12 aeroplanes, serial numbers 3001 through 3066;
Model CL-600-2B16 aeroplanes, serial numbers 5001 through 5194;
Model CL-600-2B16 aeroplanes, serial numbers 5301 through 5665, and 5701 through 5851

Compliance:

As indicated below, unless already accomplished.

Background:

Based on in-service experience, a new life limitation has been introduced for the following side brace fitting shaft part numbers:

- 600-10237-1/ -5
- 600-10237-3
- 601R10237-1/ -3

In order to facilitate identification and tracking, the component must be identified and serialized. Bombardier has revised the Time Limits/Maintenance Checks (TLMC) Manual to include new life limits and issued Service Bulletins (SB) for serialization of the affected parts.

The original version of this AD was issued to mandate the incorporation of the new TLMC life limits as well as identification and serialization of the affected parts. The revision 1 of this AD was issued 0039 June 2016 to correct a typographic error in Table A of the Corrective Actions section. The revision 2 of this AD is being issued to correct/update the TLMC data in Table A of the Corrective Actions section.

Corrective Actions:

Part I – Time Limits/Maintenance Checks Change

Within 30 days from the effective date of this AD, amend the Transport Canada approved maintenance schedule to incorporate the life limits for the affected parts as introduced by the TLMC revisions found in Table A below:

Aeroplane model (serial numbers)	Part Name	Part Number	TLMC Manual Number	Chapter	Revision Number	Revision Date
CL-600-1A11 (1004-1085)	MLG Side Brace to Aeroplane Fitting Pin	600-10237-1/-5	PSP 605	5-10-10	36	11 Nov 2014
CL-600-2A12 (3001-3066)		600-10237-3	PSP 601-5	5-10-10	42	22 Apr 2014
CL-600-2B16 (5001-5194)		600-10237-3	PSP 601A-5	5-10-10	36	8 Nov 2011
CL-600-2B16 (5301-5665)	MLG Side Brace Fitting Shaft	601R10237-1/-3	CL-604	5-10-10 (Part 2)	14	10 Dec 2010
CL-600-2B16 (5701-5851)		601R10237-1/-3	CL-605	5-10-10 (Part 2)	2	10 Dec 2010
Table A						

Compliance with later revisions of the above-mentioned tasks in the TLMC manuals, approved by Transport Canada also satisfies the requirements of this AD.

Part II – Serialization and tracking of life limited parts

Within 48 month from the effective date of this AD, perform an inspection, identify, serialize and record the accumulated life of the side brace fitting shaft in accordance with the Accomplishment Instructions of the applicable Bombardier SB listed below, or later revision approved by the Chief, Continuing Airworthiness, Transport Canada.

For CL-600-1A11 aeroplanes (serial numbers 1004 through 1085), SB 600-0768, Basic Issue, dated 9 September 2014.

For CL-600-2A12 (serial numbers 3001 through 3066) and CL-600-2B16 aeroplanes (serial numbers 5001 through 5194), SB 601-0636, Revision 01, dated 10 May 2016.

For CL-600-2B16 aeroplanes (serial numbers 5301 through 5665), SB 604-57-005, Basic Issue, dated 9 September 2014.

For CL-600-2B16 aeroplanes (serial numbers 5701 through 5851), SB 605-57-003, Basic Issue, dated 9 September 2014.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Rémy Knoerr
Chief, Continuing Airworthiness
Issued on 29 June 2016

Contact:

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