



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-2015-09R1

Effective Date:

13 July 2015

ATA:

54

Type Certificate:

A-131

Subject:

Nacelle/Pylon – Non-conforming Bushing Holes on the Engine Mount Rib

Revision:

Supersedes AD CF-2015-09, Issued on 5 May 2015

Applicability:

Bombardier Inc.:

[Model Removed]

Model CL-600-2A12 (601 Variant) aeroplanes, serial numbers 3001 through 3066;

Model CL-600-2B16 (601-3A/3R Variant) aeroplanes, serial numbers 5001 through 5194;

Model CL-600-2B16 (604 Variant) aeroplanes, serial numbers 5301 through 5665, and 5701 and subsequent.

Compliance:

Within 60 days from the effective date of this AD, unless already accomplished.

Background:

The aeroplane manufacturer has determined that the bushing holes on the engine mount rib may not conform to the engineering drawings. Non-conforming bushing holes could increase loading on adjacent fasteners, resulting in premature fatigue cracking of the engine mount rib.

In addition, it was also discovered that the inspection requirements for the engine mount rib were not listed in the Airworthiness Limitations Section of the Instructions for Continued Airworthiness.

Failure of the engine mount rib could compromise the structural integrity of the engine mount and could lead to subsequent detachment of an engine.

A new Time Limits/Maintenance Checks (TLMC) Airworthiness Limitations (AWL) task is introduced to ensure that any fatigue cracking of the engine mount rib is detected and corrected.

The original issue of this AD mandated the incorporation of a new TLMC AWL task.

Revision 1 of this AD is issued to remove model CL-600-1A11 (600) aeroplanes from the Applicability section of the AD since this model was incorrectly included in the original issue.

Corrective Actions:

Amend the Transport Canada approved maintenance schedule by incorporating the applicable TLMC AWL task, as introduced in the following applicable Temporary Revisions (TRs) or TLMC manual revisions:

Model	TLMC Manual	Chapter 5 Task Number	Acceptable MRM Revision(s) or TR Number(s)	Date of Issue
601	PSP 601-5	54-10-00-106	Revision 43	11 November 2014
			Revision 42	22 April 2014
			TR 5-260	18 December 2012
601-3A/3R	PSP 601A-5	54-10-00-106	Revision 39	11 November 2014
			Revision 38	22 April 2014
			TR 5-272	18 December 2012
604	CL-604	54-50-00-103	Revision 23	21 January 2015
			Revision 22	11 July 2014
			Revision 21	6 January 2014
			Revision 20	8 July 2013
			Revision 19	11 January 2013
604	CL-605	54-50-00-103	Revision 11	21 January 2015
			Revision 10	11 July 2014
			Revision 9	6 January 2014
			Revision 8	8 July 2013
			Revision 7	11 January 2013

Compliance in accordance with superseding TRs or later Revisions of the above-mentioned applicable Time Limits/Maintenance Checks manual, approved by Transport Canada, also satisfies the requirements of this AD.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Remy Knoerr
Chief, Continuing Airworthiness
Issued on 29 June 2015

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