



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) with ADs.

Number:

CF-2020-44

Effective Date:

6 November 2020

ATA:

53

Type Certificate:

A-131

Subject:

Fuselage – Fuselage Station (FS) 559 Circumferential Joint – Interface Metal Chips from Improper Hole Deburring

Applicability:

Bombardier Inc. aeroplanes:

Model CL-600-1A11, serial numbers 1004 through 1085;

Model CL-600-2A12, serial numbers 3001 through 3066;

Model CL-600-2B16, serial numbers 5001 through 5194;

Model CL-600-2B16, serial numbers 5301 through 5665;

Model CL-600-2B16, serial numbers 5701 through 6049;

Model CL-600-2B16, serial numbers 6050 through 6999.

Compliance:

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

Background:

The presence of burrs and chips has been discovered between the skin circumferential splice at FS559.00 between stringers STR10L and STR10R. If not inspected, this condition could lead to premature fatigue cracking and result in loss of structural integrity of the circumferential splice joint at FS559.00.

This AD mandates the revision of the Transport Canada approved maintenance schedule to incorporate the special detailed inspection of the skin circumferential splice at FS559.00, between STR10L and STR10R.

Corrective Actions:

Amend the Transport Canada approved maintenance schedule by incorporating the inspections introduced in Section 05-10-30 of the referenced Time Limits / Maintenance Checks (TLMC) revisions as detailed in Table 1 below, or later revisions approved by Transport Canada.

Table 1

Aeroplane Serial Number	TLMC Number and Revision	Task Number
Model CL-600-1A11 (600 variant) Serial numbers 1004 through 1085	PSP 605 TLMC TR 5-163, dated 30 April 2020	53-30-00-165*
Model CL-600-2A12 (601 variant) Serial numbers 3001 through 3066	PSP 601-5 TLMC TR 5-267, dated 30 April 2020	53-30-00-188*
Model CL-600-2B16 (601-3A/3R variant) Serial numbers 5001 through 5194	PSP 601A-5 TLMC TR 5-281, dated 30 April 2020	53-30-00-191*
Model CL-600-2B16 (604 variant) Serial numbers 5301 through 5665	CH 604 TLMC Revision 32, dated 18 December 2019	53-20-00-192*
Model CL-600-2B16 (604 variant) Serial numbers 5701 through 6049	CH 605 TLMC Revision 21, dated 18 December 2019	53-20-00-192*
Model CL-600-2B16 (604 variant) Serial numbers 6050 through 6999	CH 650 TLMC Revision 8, dated 18 December 2019	53-20-00-192*

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Rémy Knoerr
Chief, Continuing Airworthiness
Issued on 23 October 2020

Contact:

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