



適航指令發布單

Airworthiness Directive Issuance Form

民航局 AD 編號 AD number	CAA-2020-11-008A	發布日期 Date issued	2021/5/24
適用之航空產品 Applied to (models, serial numbers or part numbers, as applicable)	model BD-700-1A10 and BD-700-1A11 aeroplanes, serial numbers 9001 through 9879, 9998 and 60001 through 60033.		
主旨摘要	Flight Controls - Inboard-Flap Susceptibility to Corrosion		
<div style="text-align: center;">民航局 CAA</div> <input type="checkbox"/> 本國產品 Native products <input type="checkbox"/> 其他個案 Other	<div style="text-align: center;">設計國民航主管機構 Original Authorities</div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input type="checkbox"/> FAA <input type="checkbox"/> EASA <input type="checkbox"/> Brazil <input checked="" type="checkbox"/> Transport Canada Civil Aviation <input type="checkbox"/> DGAC </div> <div style="width: 45%;"> <input type="checkbox"/> Germany LBA <input type="checkbox"/> CAA-NL <input type="checkbox"/> UK CAA <input type="checkbox"/> Japan CAB <input type="checkbox"/> CAA of Israel <input type="checkbox"/> Other _____ </div> </div>		
	設計國 AD 編號 Original AD number	CF-2020-49R1	
	1. 直接採用原 AD 之內容?(Is the original AD directly adopted?) <input checked="" type="checkbox"/> 是(Yes) <input type="checkbox"/> 否(No) _ a. 生效日期另訂為(Re-specify the effective date as) : _____ b. 執行時限另訂為(Re-specify the compliance time or period as) : _____ <input type="checkbox"/>		
	2. 使用人是否需要將 AD 執行結果向民航局提出報告?(Do <input type="checkbox"/> Users need to report the status of compliance to the CAA?) <input type="checkbox"/> 是(Yes) <input checked="" type="checkbox"/> 否(No)		
備註 Note	Supersedes AD CF-2020-49(CAA-2020-11-008), issued 19 November 2020.		
註： 1. AD 內容後附。 2. 航空器產品使用人得向民航局提出豁免、替代符合方法、執行時限之展延之申請。 3. 如有任何問題，請聯絡交通部民用航空局初始適航科。Tel：(02)2349-6331~3, Fax：(02)2545-8464, e-mail： adcaa@mail.caa.gov.tw Note： 1. The AD text is enclosed. 2. Exemption, an alternative method of compliance or adjustment of the compliance time may be proposed to the CAA for approval. 3. For further information, please contact Civil Aeronautics Administration on Tel：(02)2349-6331~3, Fax：(02)2545-8464, e-mail： adcaa@mail.caa.gov.tw			



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-2020-49R1

Effective Date:

3 June 2021

ATA:

27

Type Certificate:

A-177

Subject:

Flight Controls – Inboard-Flap Susceptibility to Corrosion

Revision:

Supersedes AD CF-2020-49, issued 19 November 2020.

Applicability:

Bombardier Inc. model BD-700-1A10 and BD-700-1A11 aeroplanes, serial numbers 9001 through 9879, 9998 and 60001 through 60033.

Compliance:

Within 30 days from the effective date of this AD, unless already accomplished.

Background:

There have been multiple discoveries of internal corrosion on the inboard flaps prior to regularly recommended/mandatory scheduled maintenance checks. Should such corrosion go undetected/unaddressed, possible weakening of the structure and eventual detachment of the flap could occur. As this corrosion is highly dependent on operational environments and utilization, the aeroplane Maintenance Schedule has been revised to add a more frequent and specific inspection of this area to allow for sufficient opportunity to detect and address any early signs of corrosion on the affected structure.

AD CF-2020-49 mandated the incorporation of new tasks in the aeroplane Maintenance Schedule.

This AD revision, CF-2020-49R1, clarifies that the mandated task (Chapter 5 Task Number 57-51-00-201) resides in Part 3 of the Time Limits/Maintenance Checks (TLMC) Manual.

Corrective Actions:

Amend the Transport Canada approved aeroplane Maintenance Schedule by incorporating TLMC Part 3, Chapter 5 Task Number 57-51-00-201, Special Detailed Inspection of the Inboard-Flap Internal Ribs, in accordance with the applicable TLMC manual revision identified in Table 1 below, or later revisions approved by Transport Canada.

Table 1

Aeroplane Model	TLMC Manual	Revision	Date of Issue
BD-700-1A10	GL 700 TLMC	Revision 31	17 August 2020
BD-700-1A10	GL XRS TLMC	Revision 18	17 August 2020
BD-700-1A10	GL 6000 TLMC	Revision 12	17 August 2020
BD-700-1A10	GL 6500 TLMC	Revision 1	17 August 2020
BD-700-1A11	GL 5000 TLMC	Revision 22	17 August 2020
BD-700-1A11	GL 5000 GVFD TLMC	Revision 12	17 August 2020
BD-700-1A11	GL 5500 TLMC	Revision 1	17 August 2020

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Daniel Gosselin
Acting Chief, Continuing Airworthiness
Issued on 20 May 2021

Contact:

Barry Devereux, Continuing Airworthiness, Ottawa, telephone 888-663-3639, facsimile 613-996-9178 or e-mail TC.AirworthinessDirectives-Consignesdenavigabilite.TC@tc.gc.ca or any Transport Canada Centre.