



適航指令發布單

Airworthiness Directive Issuance Form

民航局AD編號 AD number	CAA-2024-07-010	發布日期 Date issued	2024/07/30
適用之航空產品 Applied to (models, serial numbers or part numbers, as applicable)	Bombardier Inc. model BD-700-1A10 and BD-700-1A11 aeroplanes serial numbers 9001 through 60086, 60088 through 60091, 60098, 60100, 60105, 60107, and 60111.		
主旨摘要 Subject	Flight Controls - Incorrect Airplane Flight Manual Approach Speed Adder and Landing Distance Factors for SLAT-FLAP FAIL Caution Crew Alerting System Message and Jammed or Inoperative Slat/Flap Control Lever.		
民航局 CAA <input type="radio"/> 本國產品 Native product <input type="radio"/> 其他個案 Other	<div>設計國民航主管機構 Original Authority</div> <div><div><input type="radio"/> FAA <input type="radio"/> EASA <input type="radio"/> Brazil <input checked="" type="radio"/> Transport Canada Civil Aviation <input type="radio"/> DGAC</div><div><input type="radio"/> Germany LBA <input type="radio"/> CAA-NL <input type="radio"/> UK CAA <input type="radio"/> Japan CAB <input type="radio"/> CAA of Israel <input type="radio"/> Other_____</div></div>		
	設計國AD編號 Original AD number	CF-2024-27	
	<div>1. 直接採用原AD之內容? (Is the original AD directly adopted?) <input checked="" type="radio"/> 是(Yes) <input type="radio"/> 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):</div> <div>2. 使用人是否需要將AD執行結果向民航局提出報告? (Do users need to report the status of compliance to the CAA?) <input type="radio"/> 需要(Yes) <input checked="" type="radio"/> 不需要(No)</div>		
備註 Note	This AD Supersedes AD CF-2024-06(CAA-2024-02-015), issued 20 February 2024.		

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)2349-6330 / 6332, Fax：(02)2545-8464, 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)2349-6330 / 6332, Fax：(02)2545-8464, 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-2024-27

Effective Date:

7 August 2024

ATA:

27

Type Certificate:

A-177

Subject:

Flight Controls – Incorrect Airplane Flight Manual (AFM) Approach Speed Adder and Landing Distance Factors for SLAT-FLAP FAIL Caution Crew Alerting System (CAS) Message and Jammed or Inoperative Slat/Flap Control Lever (SFCL)

Replacement:

Supersedes AD CF-2024-06, issued 20 February 2024.

Applicability:

Bombardier Inc. model BD-700-1A10 and BD-700-1A11 aeroplanes serial numbers 9001 through 60086, 60088 through 60091, 60098, 60100, 60105, 60107, and 60111.

Compliance:

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

Background:

Incorrect approach speed adders and landing distance factors were discovered in the AFM tables for the SLAT-FLAP FAIL (Caution) CAS message and the jammed or inoperative SFCL non-normal procedures. The incorrect speed adders and landing distance factors present a potentially unsafe condition due to the shortfall between the actual performance and the approved performance.

AD CF-2024-06 mandated the incorporation of a revision to the AFM to correct the affected speed adder and landing distance factor tables. Since AD CF-2024-06 was issued, it was determined that its applicability was incomplete.

This AD, CF-2024-27, revises the applicability and otherwise maintains the requirements of AD CF-2024-06.

Corrective Actions:

- A. Amend the applicable Transport Canada approved AFM by incorporating all chapters and supplements as follows, in accordance with the applicable AFM publication number indicated in table 1 below or later revisions approved by Transport Canada:

All models

Chapter 5 – Non-Normal Procedures

- Non-Normal Procedures – Flight Controls, 3. Slat and Flap Control Systems, A. Jammed or Inoperative Slat/Flap Control Lever Procedure
- Non-Normal Procedures – Flight Controls, 3. Slat and Flap Control Systems, E. Slat-Flap Fail (Caution)

BD-700-1A10 – Global Express, Global Express XRS, Global 6000

BD-700-1A11 – Global 5000, Global 5000 ft. GVFD

Supplement 20 – Operations at Airport Elevations above 10 000 Feet

- Non-Normal Procedures, B. Landing Distance Factors, (4) Flight Controls, (a) Jammed or Inoperative Slat/Flap Control Lever
- Non-Normal Procedures, B. Landing Distance Factors, (4) Flight Controls, (c) Slat-Flap Fail

B. Advise all flight crews of the changes introduced by the approved Transport Canada AFM procedures listed above and thereafter operate the aeroplane accordingly.

Table 1: AFM References

Aeroplane Model	Marketing Designation	AFM Publication Number and Revision, dated 25 July 2023
BD-700- 1A10	Global Express	CSP 700-1, Revision 117
BD-700- 1A10	Global Express XRS	CSP 700-1A, Revision 117
BD-700- 1A10	Global 6000	CSP 700-1V, Revision 47
BD-700- 1A10	Global 6500	CSP 700-6500-1, Revision 19
BD-700- 1A11	Global 5000	CSP 700-5000-1, Revision 78
BD-700- 1A11	Global 5000 ft. GVFD	CSP 700-5000-1V, Revision 47
BD-700- 1A11	Global 5500	CSP 700-5500-1, Revision 19

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Philip Tang
Acting Chief, Continuing Airworthiness
Issued on 24 July 2024

Contact:

Alireza Gharagozloo, 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.