



**適航指令發布單**  
**Airworthiness Directive Issuance Form**

民航局 AD 編號 AD number	CAA-2022-04-003	發布日期 Date issued	2022/4/20												
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 9860, 9862 through 9871, 9873 through 9879, 60005, 60024, 60030, 60032, 60037, 60043, 60045, 60049, 60056, 60057, 60061 and 60068.														
主旨摘要 Subject	Time Limits/Maintenance Checks - Introduction of Certification Maintenance Requirements (CMRs)														
民航局 CAA <input type="checkbox"/> 本國產品 Native product  <input type="checkbox"/> 其他個案 Other	設計國民航主管機構 Original Authority <table style="width: 100%;"><tr><td><input type="checkbox"/> FAA</td><td><input type="checkbox"/> Germany LBA</td></tr><tr><td><input type="checkbox"/> EASA</td><td><input type="checkbox"/> CAA-NL</td></tr><tr><td><input type="checkbox"/> Brazil</td><td><input type="checkbox"/> UK CAA</td></tr><tr><td><input checked="" type="checkbox"/> Transport Canada Civil Aviation</td><td><input type="checkbox"/> Japan CAB</td></tr><tr><td><input type="checkbox"/> DGAC</td><td><input type="checkbox"/> CAA of Israel</td></tr><tr><td></td><td><input type="checkbox"/> Other _____</td></tr></table>			<input type="checkbox"/> FAA	<input type="checkbox"/> Germany LBA	<input type="checkbox"/> EASA	<input type="checkbox"/> CAA-NL	<input type="checkbox"/> Brazil	<input type="checkbox"/> UK CAA	<input checked="" type="checkbox"/> Transport Canada Civil Aviation	<input type="checkbox"/> Japan CAB	<input type="checkbox"/> DGAC	<input type="checkbox"/> CAA of Israel		<input type="checkbox"/> Other _____
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<input type="checkbox"/> DGAC	<input type="checkbox"/> CAA of Israel														
	<input type="checkbox"/> Other _____														
	設計國 AD 編號 Original AD number	CF-2022-15													
	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) : _____ 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="checkbox"/> 是(Yes) <input checked="" type="checkbox"/> 否(No)														
備註 Note	Ref. See Table 2: Applicable TLMC Manuals.														
<p>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, e-mail：<a href="mailto:adcaa@mail.caa.gov.tw">adcaa@mail.caa.gov.tw</a></p> <p>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, e-mail：<a href="mailto:adcaa@mail.caa.gov.tw">adcaa@mail.caa.gov.tw</a></p>															



# AIRWORTHINESS DIRECTIVE

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*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-2022-15

**Effective Date:**

21 April 2022

**ATA:**

05

**Type Certificate:**

A-177

**Subject:**

Time Limits/Maintenance Checks – Introduction of Certification Maintenance Requirements (CMRs)

**Applicability:**

Bombardier Inc. model BD-700-1A10 and BD-700-1A11 aeroplanes, serial numbers 9001 through 9860, 9862 through 9871, 9873 through 9879, 60005, 60024, 60030, 60032, 60037, 60043, 60045, 60049, 60056, 60057, 60061 and 60068.

**Compliance:**

As indicated below, unless already accomplished.

**Background:**

During a design review, it was discovered that three Candidate Certification Maintenance Requirements (CCMRs) which were dispositioned as Maintenance Review Board Report (MRBR) tasks had reached or exceeded the limit for escalation. Exceeding the CCMR limitation could result in an unsafe condition.

Bombardier has issued CMRs to require continued performance of these MRBR tasks to prevent escalation and reduce the interval, as applicable. This AD requires performance of maintenance in accordance with these new CMRs.

**Corrective Actions:**

- A. Within 30 days from the effective date of this AD, amend the Transport Canada approved maintenance schedule by incorporating the tasks identified in Table 1 below, as introduced in Part 2 Section 5-10-40 of the applicable Time Limits/Maintenance Checks (TLMC) manuals as identified in Table 2 below, or later revisions approved by Transport Canada.

**Table 1: New CMRs**

<b>Chapter 5 Task No.</b>	<b>Task Title</b>	<b>Associated MRBR Task</b>	<b>Initial Compliance Time, Whichever Occurs Later</b>
32-34-00-101*	Functional Test of the Landing-Gear Emergency Extension	32-34-00-201	Before accumulating 1550 total hours air time or 1550 hours air time from the most recent accomplishment of the associated MRBR task
32-43-25-101*	Operational Test of the Brake Shutoff Valve	32-43-25-201	Before accumulating 750 total hours air time or 750 hours air time from the most recent accomplishment of the associated MRBR task
52-11-00-106*	Visual Check of the Passenger-Door Vent-Flap Mechanism	52-11-00-205	Before accumulating 750 total hours air time or 750 hours air time from the most recent accomplishment of the associated MRBR task

**Table 2: Applicable TLMC Manuals**

<b>Aeroplane Model</b>	<b>TLMC Manual</b>	<b>TLMC Revision, Dated 1 March 2022</b>
BD-700-1A10	GL 700 TLMC	Revision 34
BD-700-1A10	GL XRS TLMC	Revision 21
BD-700-1A10	GL 6000 TLMC	Revision 15
BD-700-1A11	GL 5000 TLMC	Revision 25
BD-700-1A11	GL 5000 GVFD TLMC	Revision 15

- B. Initial compliance with the above-mentioned CMRs is required as indicated in Table 1. Thereafter, repeat the above-mentioned CMR tasks at the intervals specified in the applicable TLMC manual as identified in Table 2, or later revisions approved by Transport Canada.

**Authorization:**

For the Minister of Transport,

*ORIGINAL SIGNED BY*

Rémy Knoerr  
Chief, Continuing Airworthiness  
Issued on 7 April 2022

**Contact:**

Daniel Gosselin, Continuing Airworthiness, Ottawa, telephone 888-663-3639, facsimile 613-996-9178 or e-mail [TC.AirworthinessDirectives-Consignesdenavigabilite.TC@tc.gc.ca](mailto:TC.AirworthinessDirectives-Consignesdenavigabilite.TC@tc.gc.ca) or any Transport Canada Centre.