



適航指令發布單
Airworthiness Directive Issuance Form

民航局 AD 編號 AD number	CAA-2019-05-006	發布日期 Date issued	2019/5/13												
適用之航空產品 Applied to (models, serial numbers or part numbers, as applicable)	Bombardier Inc. aeroplanes: Model BD-700-1A10, serial numbers 9002, 9006 through 9010, 9012, 9016, 9018 through 9023, 9029 through 9031, 9033, 9035 through 9037, 9039 through 9048, 9058, 9059, 9061, 9063, 9066 through 9068, 9070, 9071, 9073 through 9075, 9078, 9085, 9090, 9092, 9093, 9097, 9105, 9106, 9108, 9112, 9121, 9122, 9124, 9137, 9139, 9143, 9145, 9153, 9167, 9177, 9181, 9183, 9185, 9187, 9191, 9203, 9205, 9210, 9223, 9234, 9236, 9244, 9250, 9264, 9270, 9272, 9283, 9286, 9294, 9304, 9312, 9314, 9326, 9333, 9364, 9368, 9378, 9381, 9388, 9407, 9419, 9438, 9460, 9470, 9475, 9478, 9479, 9481, 9484, 9485, 9499, 9524, 9529, 9530, 9533, 9538, 9551, 9553, 9568, 9598, 9615, 9624, 9632, 9638, 9640, 9641, 9648, 9657, 9670, 9680, 9682, 9689, 9700, 9706, 9723, 9726, 9730, 9731, 9745, 9752, 9753, 9757, 9759, 9773, 9775, 9804, 9814, 9816, and 9817; and Model BD-700-1A11, serial numbers 9176, 9178, 9182, 9207, 9212, 9216, 9217, 9227, 9255, 9285, 9376, 9389, 9401, 9427, 9480, 9483, 9498, 9513, 9531, 9536, 9555, 9558, 9569, 9581, 9589, 9592, 9597, 9613, 9618, 9660, 9710, 9722, 9732, 9734, 9737, 9768, 9777, and 9790.														
主旨摘要	Oxygen System - Insufficient Accessibility to the Portable Oxygen Bottle														
民航局 CAA <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> <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 colspan="2"><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 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 _____															
	設計國 AD 編號 Original AD number	CF-2019-18													
	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	ATA 35. Ref. SB 700-35-014 Basic Issue, dated 3 July 2018 and SB 700-35-6003 Revision 02, dated 23 November 2018 and SB 700-1A11-35-013 Basic Issue, dated 3 July 2018 and SB 700-35-5003 Revision 01, dated 23 November 2018														
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

CAA Form ACS-P08-02

第一頁/共一頁



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-2019-18

Effective Date:

24 May 2019

ATA:

35

Type Certificate:

A-177

Subject:

Oxygen System – Insufficient Accessibility to the Portable Oxygen Bottle

Applicability:

Bombardier Inc. aeroplanes:

Model BD-700-1A10, serial numbers 9002, 9006 through 9010, 9012, 9016, 9018 through 9023, 9029 through 9031, 9033, 9035 through 9037, 9039 through 9048, 9058, 9059, 9061, 9063, 9066 through 9068, 9070, 9071, 9073 through 9075, 9078, 9085, 9090, 9092, 9093, 9097, 9105, 9106, 9108, 9112, 9121, 9122, 9124, 9137, 9139, 9143, 9145, 9153, 9167, 9177, 9181, 9183, 9185, 9187, 9191, 9203, 9205, 9210, 9223, 9234, 9236, 9244, 9250, 9264, 9270, 9272, 9283, 9286, 9294, 9304, 9312, 9314, 9326, 9333, 9364, 9368, 9378, 9381, 9388, 9407, 9419, 9438, 9460, 9470, 9475, 9478, 9479, 9481, 9484, 9485, 9499, 9524, 9529, 9530, 9533, 9538, 9551, 9553, 9568, 9598, 9615, 9624, 9632, 9638, 9640, 9641, 9648, 9657, 9670, 9680, 9682, 9689, 9700, 9706, 9723, 9726, 9730, 9731, 9745, 9752, 9753, 9757, 9759, 9773, 9775, 9804, 9814, 9816, and 9817; and

Model BD-700-1A11, serial numbers 9176, 9178, 9182, 9207, 9212, 9216, 9217, 9227, 9255, 9285, 9376, 9389, 9401, 9427, 9480, 9483, 9498, 9513, 9531, 9536, 9555, 9558, 9569, 9581, 9589, 9592, 9597, 9613, 9618, 9660, 9710, 9722, 9732, 9734, 9737, 9768, 9777, and 9790.

Compliance:

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

Background:

Bombardier Inc. has discovered that easy removal of the portable oxygen bottle from its support bracket may not always be possible on some portable oxygen bottle installations due to the latch of the upper bracket assembly catching on the pressure gauge tube or on the pressure gauge bezel of the portable oxygen bottle. The portable oxygen bottle is required to be accessible for use by cabin crew members in emergency situations. This AD requires installation of a modified top bracket and new middle bracket on all affected portable oxygen bottle installations to improve portable oxygen bottle accessibility.

Corrective Actions:

Rework all affected portable oxygen bottle installations to install a modified top bracket and new middle bracket, in accordance with the Accomplishment Instructions of the applicable Bombardier (BA) Service Bulletin (SB) referenced in Table 1 below, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

Table 1: SB References

Aeroplane Model	BA SB
BD-700-1A10	SB 700-35-014 Basic Issue, dated 3 July 2018
BD-700-1A10	SB 700-35-6003 Revision 02, dated 23 November 2018 Incorporation of SB 700-35-6003 Revision 01, dated 5 September 2018 or SB 700-35-6003 Basic Issue, dated 3 July 2018, prior to the effective date of this AD, also satisfies the requirements of this AD.
BD-700-1A11	SB 700-1A11-35-013 Basic Issue, dated 3 July 2018
BD-700-1A11	SB 700-35-5003 Revision 01, dated 23 November 2018 Incorporation of SB 700-35-5003 Basic Issue, dated 3 July 2018, prior to the effective date of this AD, also satisfies the requirements of this AD.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Rémy Knoerr
Chief, Continuing Airworthiness
Issued on 10 May 2019

Contact:

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