



適航指令發布單

Airworthiness Directive Issuance Form

民航局 AD 編號 AD number	CAA-2022-03-003	發布日期 Date issued	2022/3/4
適用之航空產品 Applied to (models, serial numbers or part numbers, as applicable)	model BD-700-2A12 aeroplanes, serial numbers 70006, 70008, 70009 through 70016, 70019, 70020, 70025, 70026, 70028, 70032 through 70035, 70038 through 70043, 70046, 70048, 70050, 70051, 70054, 70063, and 70073.		
主旨摘要 Subject	Oxygen - Oxygen Line Contamination with Sealant and Cotton Fibers		
<div style="text-align: center;">民航局 CAA</div> <input type="checkbox"/> 本國產品 Native product <input type="checkbox"/> 其他個案 Other	<div style="text-align: center;">設計國民航主管機構 Original Authority</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-2022-07	
	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. Bombardier Service Bulletin 700-35-7502, Basic Issue, dated 26 January 2022, or later revisions		
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： 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, 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-2022-07

Effective Date:

15 March 2022

ATA:

35

Type Certificate:

A-177

Subject:

Oxygen – Oxygen Line Contamination with Sealant and Cotton Fibers

Applicability:

Bombardier Inc. model BD-700-2A12 aeroplanes, serial numbers 70006, 70008, 70009 through 70016, 70019, 70020, 70025, 70026, 70028, 70032 through 70035, 70038 through 70043, 70046, 70048, 70050, 70051, 70054, 70063, and 70073.

Compliance:

Within 36 months from the effective date of this AD, unless already accomplished.

Background:

It has been disclosed that the flight crew and passenger oxygen system's refill and capillary lines may have been contaminated by sealant and cotton fibers. If present, this contamination may result in a blockage of oxygen system components, which could result in a reduction of oxygen flow, reduce the total amount of available oxygen or create a fire hazard.

Any contamination is expected to collect in the oxygen cylinder and regulator assembly filters. To address this risk, this AD requires the inspection of oxygen cylinder serial numbers, removal of affected oxygen cylinders and replacement of affected oxygen cylinders with new or reworked oxygen cylinders.

Corrective Actions:

Inspect oxygen cylinder serial numbers, remove oxygen cylinders with affected serial numbers and replace them with unaffected oxygen cylinders in accordance with the Accomplishment Instructions of Bombardier Service Bulletin 700-35-7502, Basic Issue, dated 26 January 2022, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Rémy Knoerr
Chief, Continuing Airworthiness
Issued on 1 March 2022

Contact:

Christopher Banken, 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.