



適航指令發布單

Airworthiness Directive Issuance Form

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| 民航局AD編號 AD Number | CAA-2015-07-003 | 發布日期 Date issued | 2015/7/8 |
| 適用之航空產品 Applied to (models, serial numbers or part numbers, as applicable) | Bombardier Inc. Model BD-700-1A10 aeroplanes, serial numbers 9381, 9432 through 9708, 9711 through 9718 and 9720 through 9730, and Model BD-700-1A11 aeroplanes, serial numbers 9386, 9401, 9445 through 9707, 9710 through 9717, 9722, 9732, 9734 and 9737. | | |
| 主旨摘要 | Information Systems – Potential Misleading Navigational Information | | |
| 民航局 CAA <input type="checkbox"/> 本國產品 Native products <input type="checkbox"/> 其他個案 Other | 設計國民航主關機構 Original Authorities <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 _____ | | |
| | 設計國AD編號 Original AD number | CF-2015-19 | |
| | 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 | Bombardier Service Bulletin (SB) 700-46-5005 or 700-46-6005, both at Revision 2 and dated 18 June 2015, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada. | | |
| 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) to ADs.

Number:

CF-2015-19

Effective Date:

20 July 2015

ATA:

46

Type Certificate:

A-177

Subject:

Information Systems – Potential Misleading Navigational Information

Applicability:

Bombardier Inc.:

Model BD-700-1A10 aeroplanes, serial numbers 9381, 9432 through 9708, 9711 through 9718 and 9720 through 9730;

Model BD-700-1A11 aeroplanes, serial numbers 9386, 9401, 9445 through 9707, 9710 through 9717, 9722, 9732, 9734 and 9737.

Compliance:

Within 15 months from the effective date of this AD, unless already accomplished.

Background:

It was discovered that on certain aeroplanes, the network interface installed between the Information Management System (IMS) 6000 unit and the Cabin Entertainment System (CES) network may affect the Aircraft Control Domain (ACD). This could potentially compromise the operational integrity of the avionics system and result in misleading navigational information to the flight crew. Misleading navigational information could have adverse effects on the safe operation of the aeroplane.

This AD mandates the inspection and disconnection, as required, of the network interface installation between the IMS and the CES.

Corrective Actions:

Inspect and disconnect, as required, the network interface installation between the IMS and the CES in accordance with the Accomplishment Instructions of the applicable Bombardier Service Bulletin (SB) 700-46-5005 or 700-46-6005, both at Revision 2 and dated 18 June 2015, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

Inspection and disconnection, as required, of the network interface installation between the IMS and the CES in accordance with the Accomplishment Instructions of the applicable Bombardier SB 700-46-5005 or 700-46-6005, Basic Issue and Revision 1 dated 23 February 2015 and 20 March 2015 respectively, prior to the effective date of this AD, also meets the requirements of this AD.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Rémy Knoerr
Chief, Continuing Airworthiness
Issued on 6 July 2015

Contact:

Robert Farinas, Continuing Airworthiness, Ottawa, telephone 613-952-4357, facsimile 613-996-9178 or e-mail AD-CN@tc.gc.ca or any Transport Canada Centre.