

 適航指令發布單 Airworthiness Directive Issuance Form			
民航局 AD 編號 AD number	CAA-2016-09-004	發布日期 Date issued	2016/9/5
適用之航空產品 Applied to (models, serial numbers or part numbers, as applicable)	Bombardier Inc. model BD-100-1A10 aeroplanes, serial numbers (S/Ns) 20003 to 20532.		
主旨摘要	Equipment / Furnishings - Equipment Racks - Modification of the Left and the Right Equipment Racks		
民航局 CAA <input type="checkbox"/> 本國產品 Native products <input type="checkbox"/> 其他個案 Other	設計國民航主管機構 Original Authorities <input type="checkbox"/> FAA <input type="checkbox"/> EASA <input type="checkbox"/> Brazil <input checked="" type="checkbox"/> Transport Canada Civil Aviation <input type="checkbox"/> DGAC <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 _____		
	設計國 AD 編號 Original AD number	CF-2016-26	
	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 25, Reference: Bombardier Service Bulletin (SB) 100-25-39, Basic Issue, dated, 26 October 2015, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.		
註： Note：	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 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-2016-26

Effective Date:

14 September 2016

ATA:

25

Type Certificate:

A-234

Subject:

Equipment / Furnishings - Equipment Racks – Modification of the Left and the Right Equipment Racks

Applicability:

Bombardier Inc. model BD-100-1A10 aeroplanes, serial numbers (S/Ns) 20003 to 20532.

Compliance:

Within 90 months from the effective date of this AD, unless already accomplished.

Background:

During a recent design review, a Bombardier equipment supplier discovered that the weight of the Secondary Direct Current (DC) Power Center was incorrectly reported to the structural partner(s) via their equipment interface drawing. Consequently, the left-hand side (LHS) and right-hand side (RHS) equipment racks were not designed to support the actual weight of all the equipment and the Secondary DC Power Centres under all loading conditions. In the event of a high energy emergency landing or runway excursion, the structural failure of the LHS or RHS equipment racks may result in the blockage of the emergency escape route for the pilot(s) and crew if this condition is not corrected.

Corrective Actions:

- A. For aeroplanes S/N's 20003 to 20500, modify the equipment racks, part numbers K1000070316-003 (LHS) and K1000070316-004 (RHS) in accordance with Bombardier Service Bulletin (SB) 100-25-39, Basic Issue, dated, 26 October 2015, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.
- B. For aeroplanes S/N's 20501 to 20532, modify the equipment rack, part number K1000070316-004 (RHS only) in accordance with Bombardier SB 350-25-002, Basic Issue, dated, 26 October 2015, 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 31 August 2016

Contact:

Craig McAllister, Continuing Airworthiness, Ottawa, telephone 1-888-663-3639, facsimile 613-996-9178 or e-mail AD-CN@tc.gc.ca or any Transport Canada Centre.