

Supplemental Type Certificate

Number ST01460LA

This Certificate issued to C&D Zodiac, Inc.
5701 Bolsa Avenue
Huntington Beach, California 92647

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations. *Certification listed on page 3 of 3*

Original Product Type Certificate Number: A13NM

Make: Bombardier

Model: DHC-8-300 and -400 Series

Description of Type Design Change: Installation of a reinforced cockpit door in accordance with FAA approved C & D Interiors Controlled Drawing List, 9524000, Revision E, dated July 1, 2003, or later FAA approved revision (for the DHC-8-400) or C & D Interiors Controlled Drawing List, 9523000, Revision B, dated November 24, 2003, or later FAA approved revision (for the DHC-8-300). FAA Approved Airplane Flight Manual No. 952-3-AFMS-001, dated July 21, 2003, or later FAA approved revision, is required as part of this installation.

Limitations and Conditions: The installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

(Limitations and Conditions continued on page 3 of 3)

This certificate and the supporting data, which is the basis for approval, shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: November 22, 2002

Date reissued: January 30, 2006

Date of issuance: July 22, 2003

Date amended: December 17, 2003



By direction of the Administrator

(Signature)

Manager, Technical & Administrative Support
Staff, Los Angeles Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

Supplemental Type Certificate

(Continuation Sheet)

Number ST01460LA

Limitations and Conditions (continued):

Equipment Functional Check as defined in FAA approved C & D Interiors Report CDR9524-69, dated March 12, 2003, "Certification Maintenance Requirements", or any later FAA approved revision, shall not be extended. Later revisions to C & D Aerospace Report CDR9524-69 may be used only if approved by the FAA, Transport Airplane Directorate, Los Angeles Aircraft Certification Office.

Certification Basis:

- 1) Certification basis is set forth in Type Certificate Data Sheet A13NM
- 2) This intrusion resistant (reinforced) cockpit door is designed to comply with the intrusion and ballistic resistance requirements of 14 CFR part 25 Amendment 25-106 and 14 CFR part 121 Amendment 121-288. Compliance has been demonstrated to the intrusion and ballistic resistant criteria in Advisory Circulars 25.795-1 and 25.795-2. However, this door does not meet the requirement of 14 CFR 25.772(c), Amendment 25-106, for flight crew incapacitation.
- 3) An Equivalent Safety Finding exists with respect to Section 14CFR 25.1309©. (Reference FAA Equivalent Level of Safety Memorandum Number ST10110LA-T-S-1, dated January 7, 2003)

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