

Supplemental Type Certificate

Number ST01409LA

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 : T00011AT

Make : Empresa Brasileira de Aeronautica S. A. (EMBRAER)

Model : EMB-135ER, -135LR, -135KE, -135KL, and -135BJ
EMB-145, -145ER, -145MP, -145MR, -145LR, -145XR, and
-145EP

Description of Type Design Change: Installation of a reinforced cockpit door in accordance with FAA approved C & D Interiors Controlled Drawing List, 7192000, Revision E, dated November 25, 2002, or later FAA approved revision.

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.

(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 : April 23, 2002

Date reissued : January 30, 2006

Date of issuance : November 27, 2002

Date amended : August 13, 2004, June 24, 2008

By direction of the Administrator



Ronald J. Strickland
(Signature)

Manager, Airframe Branch
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 ST01409LA

Limitations and Conditions (continued):

Equipment Functional Check Intervals as defined in FAA approved C & D Interiors Report CDR7192-69, dated Oct 18, 2002, "Certification Maintenance Requirements", or any later FAA approved revision, shall not be extended. Later revisions to C & D Aerospace Report CDR7192-69 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 T00011AT
- 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(c). (Reference FAA Equivalent Level of Safety Memorandum Number ST9606LA-T-S-1, dated November 22, 2002)

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.

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