

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate

Number ST02000LA-D

This Certificate issued to

C&D Zodiac, Inc.
5701 Bolsa Ave.
Huntington Beach, CA 92647

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

Original Product Type Certificate Number: A56NM

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

Model: ERJ 170-100 SU, ERJ 170-100 LR, ERJ 170-100 SE,
ERJ 170-200 LR

Description of Type Design Change: C&D Zodiac, Inc. Interior Installations and Modifications per C&D Zodiac, Inc., Index List No. D441, Revision F, dated December 17, 2015, or later FAA approved revisions.

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. A copy of this STC must be included in the permanent record of the modified aircraft. If the holder agrees to permit another person to use this certificate to alter the product, the holder must give the other person written evidence of that permission.

(Limitations and conditions continued on page 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: August 4, 2011

Date reissued:

Date of issuance: November 11, 2011

Date amended: May 8, 2012
December 19, 2015



By direction of the Administrator

(Signature)

ODA Lead Administrator, ODA-606394-NM
(Title)

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

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental type certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

TRANSFER ENDORSEMENT

Transfer the ownership of the Supplemental Type Certificate Number _____

to *(Name of transferee)* _____

(Address of transfer) _____

(Number and street)

(City, State, and Zip code)

from *(Name of grantor) (Print or type)* _____

(Address of grantor) _____

(Number and street)

(City, State, and Zip code)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor *(In ink)*: _____

Supplemental Type Certificate

(Continuation Sheet)

Number ST02000LA-D

Certification Basis:

Based on 14 CFR §§ 21.115 and 21.101 for non-significant changes to type design, the certification basis elected by the STC holder for the modifications and installations to ERJ 170-100 SU, ERJ 170-100 LR, ERJ 170-100 SE, and ERJ 170-200 LR airplanes modified by this change is as follows.

- a. The type certification basis for Embraer Model ERJ 170-100 SU, ERJ 170-100 LR, ERJ 170-100 SE, and ERJ 170-200 LR airplanes is shown in TCDS A56NM for parts **not changed or not affected** by the change.
- b. The certification basis for parts **changed or affected** by this change as of the reference date of application, August 4, 2011 is based on part 25 as amended by Amendment 25-133 and 14 CFR Part 26. Based on 14 CFR §§ 21.115 and 21.101, the certification basis for this modification was elected to be:

Regulations at the latest amendment 25-0 through 25-133

25.853(a), (c), (d), (e); 25.856(a); 25.1423(c).

Regulations at an intermediate amendment

25.812(a)(1), (b)(1), (c), (i) Amendment 25-116; 25.1353(a), (d) Amendment 25-113.

Regulations at the amendment level in TCDS A56NM

25.23(a), (b); 25.301(a)-(c); 25.303; 25.305(a), (b); 25.307(a); 25.365(e)(2), (g); 25.561(a)-(d); 25.562(a),(b),(c)(2), (c)(4) (c)(5)-(c)(8); 25.571(a),(b); 25.601; 25.603(a)-(c); 25.605(a); 25.607(a)-(c); 25.609(a), (b); 25.611; 25.613; 25.619; 25.621; 25.623; 25.625; 25.785(a)-(c), (d)(2), (f)(1), (f)(3), (h)(2), (h)(4), (i)-(k); 25.787(a), (b); 25.789(a); 25.791(a), (b),(c),(d), (e); 25.793; 25.811(a),(b),(c), (d)(1), (d)(3), (g); 25.812 (b)(1)(i), (e)(1), (e)(2); 25.813(a), (b), (d), (e); 25.815; 25.817; 25.853(a),(d),(e); 25.869(a)(4); 25.1301; 25.1309(a), (b),(c),(d),(g); 25.1351(a); 25.1353(a),(b); 25.1357(a), (c); 25.1411(a), (b), (f); 25.1423(a),(c); 25.1431(a),(c); 25.1441(a), (b),(c),(d); 25.1445(a)(1); 25.1447(a), (c)(1), (c)(4); 25.1450(a), (b)(1); 25.1529; 25.1541; 25.1453(a); 25.1557(a); 25.1561(a),(b), (c); 25.1581(a)(2).

14 CFR Part 26 regulations

Based on 14 CFR § 21.101(g), applicable provisions of 14 CFR part 26 are included in the certification basis. For any future 14 CFR part 26 amendments, the holder of this STC must demonstrate compliance with the applicable sections. As of the issuance date of this STC, compliance has been found for the following regulations 14 CFR § 26.11 (Amdt 26-0). 26.47(c) (Amdt 26-1).

Limitations and Conditions (continued):

This STC approves provisions for the installation of equipment into stowage units and overhead stowage bins. The FAA has not certified the equipment for which these provisions are intended. You must get additional FAA approval to install this equipment. The FAA must evaluate the installation to ensure it complies with the applicable airworthiness standards.

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

Instructions for Continued Airworthiness (ICA), C&D Zodiac Report No. CDRD441-78, Revision E, dated December 16, 2015, or later FAA accepted revision must be made available to the operator at the time of installation.

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