

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

*Number* ST02237LA-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:* A16WE

*Make:* The Boeing Company

*Model:* 737-800 Series

*Description of Type Design Change:* C&D Zodiac, Inc. Conversion and Modification Kits per C&D Zodiac, Inc., Index List No. 947-1, Revision B, dated July 28, 2014, or later FAA approved revisions.

*Limitations and Conditions:*

The installer must determine whether this design change is compatible with previously approved modifications. These kits may be installed concurrently or individually, and may be installed in any sequence. 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 shall give the other person written evidence of that permission.

(Limitations and Conditions continued on page 3 through 4)

*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:* February 27, 2009

*Date reissued:*

*Date of issuance:* May 4, 2009

*Date amended:* January 4, 2010  
July 30, 2014



*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.

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### 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): \_\_\_\_\_

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Date of Transfer: \_\_\_\_\_

Signature of grantor *(In ink)*: \_\_\_\_\_

# Supplemental Type Certificate

(Continuation Sheet)

*Number* ST02237LA-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 Boeing 737-800 Series airplanes modified by this change is as follows.

- a. The type certification basis for Boeing Model 737-800 Series airplanes is shown in TCDS A16WE 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, February 27, 2009, is based on part 25 as amended by Amendment 25-123 and 14 CFR Part 26. Based on 14 CFR §§ 21.115 and 21.101, the certification basis for this modification was determined to be:

**Regulations at the latest amendment 25-0 through 25-123**

25.853(a), (d), (e); 25.1353(a), (c); 25.1357(a), (c); 25.1360(a); 25.1365(b), (c); 25.1703(a), (b), (d); 25.1705; 25.1707; 25.1709; 25.1711; 25.1715-25.1719; 25.1721(b), (c); 25.1729.

**Regulations at an intermediate amendment**

None

**Regulations at the amendment level in TCDS A16WE**

25.23(a), (b); 25.301(a)-(c); 25.303; 25.305(a)-(c); 25.307(a), (d); 25.561(a)-(d); 25.601; 25.603(a)-(c), 25.605(a), (b); 25.607(a)-(c); 25.609(a); 25.611; 25.613(a)-(e); 25.619(a)-(c); 25.625(a)-(c); 25.785(b), (d)(2), (h)(2), (h)(4), (k); 25.787(a), (b); 25.789(a); 25.813(a), (b)(1), (b)(2); 25.815; 25.1301; 25.1309(a), (b); 25.1353(a), (b); 25.1351(a); 25.1519; 25.1529; 25.1541; 25.1557(a).

**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(c) (Amdt 26-0). 26.47 (does not affect or create fatigue critical structure).

*Limitations and Conditions (continued):*

This STC approves provisions for the installation of equipment into units being approved under this STC. 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.

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Instructions for Continued Airworthiness (ICA), C&D Zodiac Report No. CDR9474-78, Revision N/C, dated Feb. 27, 2009, or later FAA accepted revision must be made available to the operator at the time of installation of kit part numbers CDK947-26 and CDKA25-1.

Instructions for Continued Airworthiness (ICA), C&D Zodiac Report No. CDR9474-78A, Revision N/C, dated Oct. 30, 2009, or later FAA accepted revision must be made available to the operator at the time of installation of kit part numbers CDK947-27 and CDK947-28.

Instructions for Continued Airworthiness (ICA), C&D Zodiac Report No. CDR9472-78, Revision N/C, dated June 27, 2014, or later FAA accepted revision must be made available to the operator at the time of installation of kit part numbers CDK947-30 and CDKA25-13.

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