

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

Number ST03181CH

This certificate issued to

AAR Aircraft Services
2825 W. Perimeter Road
Indianapolis, IN 46241

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. (See Page 3 of 3 for complete certification basis.)

Original Product--Type Certificate Number: A16WE

Make: The Boeing Company

Model: 737-800 Series

Description of Type Design Change:

Installation of PC Power outlets to the Economy Comfort Seats in accordance with AAR Aircraft Services Master Data List, Document No. 25441CR01, Revision D, dated January 15, 2013, or later FAA approved revision.

Limitations and Conditions:

- 1) The installer must determine whether this design change is compatible with previously approved modifications.
- 2) FAA Approved Flight Manual Supplement, AAR Aircraft Services Doc. No. 25441CR15, Revision IR, approved January 18, 2013, or later FAA approved revision is required on board the modified aircraft.
- 3) If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.

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 22, 2012

Date reissued:

Date of issuance: January 18, 2013

Date amended:



By direction of the Administrator

(Signature)

Adrian P. Honer
ODA Administrator
Envoy Aerospace, LLC ODA-831240-CE

(Title)

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

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Supplemental Type Certificate
(Continuation Sheet)

Number ST03181CH

Date of issuance: January 18, 2013

Certification Basis: (continued)

The certification basis for the changed Boeing 737-800 Series aircraft as described in this certificate is as follows:

- a. The type certification basis for the Boeing 737-800 Series aircraft is shown on TCDS A16WE for parts not changed or not affected by this change.
- b. The certification basis for the parts changed or affected by this change since the reference date of application, August 22, 2012, is shown on TCDS A16WE. In addition, the applicant has complied with 14 CFR Part 25 as amended by Amendment 25-119 and 14 CFR Part 26 amended by Amendment 26-1.

14 CFR Part 25 Regulations at the latest amendment 25-0 through 25-119

25.29(a)-(b); 25.301(a); 25.303; 25.305(a)-(c); 25.307(a); 25.562(a)(1), (a)(2), (b)(1), (b)(2), (c)(1)-(c)(4), (c)(7)-(c)(8); 25.601; 25.603(a)-(c); 25.605(a); 25.607(a)-(c); 25.609(a); 25.611; 25.619(a)-(c); 25.625(a), (d); 25.785(b)-(d), (f), (k); 25.787(a)-(b); 25.812(e); 25.815; 25.853(a); 25.869(a)(4); 25.981(a); 25.1301(a)-(d); 25.1307(c); 25.1309(a)-(g); 25.1333(c); 25.1351(a); 25.1353(a)-(b), (d); 25.1357(a), (c); 25.1411(f); 25.1431(a), (c)-(d); 25.1501(a)-(b); 25.1529; 25.1541(a)-(b); 25.1557(a); 25.1561(b)-(c), (e); 25.1581(a)-(b), (d); 25.1585(a)-(b).

14 CFR Part 25 Regulations at an intermediate amendment level

25.561(c)-(d) Amendment 25-23

14 CFR Part 25 Regulations applicable only to AAR Aircraft Services Master Data List, Document No. 25441CR01, Configuration B

25.562(c)(5)-(c)(6) Amendment 25-64

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 latest amendment date of this STC, compliance has been found for the following regulations: 14 CFR §§ 26.11(c) [Amdt. 26-0]; 26.47(c) [Amdt. No. 26-1]. This modification does not affect or create fatigue critical baseline structure.

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