

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

Number ST03187CH

This certificate issued to
Armstrong Aerospace
1437 Harmony Court
Itasca, IL 60143

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: 737-900ER Series

Description of Type Design Change:

Activation of GSM ConneX System in accordance with Armstrong Aerospace Master Data List, Doc. No. DC104-9122-00, Revision C, dated February 7, 2013, or later FAA approved revision.

Limitations and Conditions:

- 1) Type design data identified herein may not be used to duplicate other products. This approval is limited to only the installation made in Boeing 737-900FGER, Serial Number 39318. This STC does not permit manufacturing of parts for multiple installations.
- 2) The installer must determine whether this design change is compatible with previously approved modifications.
- 3) Modification in accordance with this STC requires prior or concurrent modification in accordance with FAA STC ST01737NY, Installation of an Executive Interior.
- 4) Modification in accordance with this STC requires prior or concurrent modification in accordance with FAA STC ST03107CH, Certification of Compatibility with Cellular and Wireless Data Technologies.
- 5) FAA Approved Airplane Flight Manual Supplement, Armstrong Aerospace Doc. No. DC303-9122-00, Revision -, approved February 8, 2013, or later FAA approved revision is required on board the modified aircraft.

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: March 15, 2012

Date reissued:

Date of issuance: February 8, 2013

Date amended:



By direction of the Administrator

(Signature)

Brenda L. Litchfield
ODA Administrator
Envoy Aerospace, LLC ODA-831240-CE

(Title)

United States of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

Number ST03187CH

Date of issuance: February 8, 2013

Certification Basis: (continued)

The certification basis for the changed Boeing 737-900ER Series aircraft as described in this certificate is as follows:

- a. The type certification basis for the Boeing 737-900ER 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, March 15, 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 as amended by Amendment 26-1.

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

25.1301(a)-(d); 25.1309(a)-(d), (g); 25.1351(a); 25.1353(a)-(b), (d); 25.1431 (a)-(d); 25.1501(a)-(b); 25.1529; 25.1541(a)-(b), 25.1581(a)-(b),(d); 25.1585(a)-(b).

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. No. 26-0]; 26.47(c) [Amdt. No. 26-1]. This modification does not affect or create fatigue critical structure.

-----END-----