

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

*Number* ST03196CH

*This certificate issued to*

Constant Aviation LLC  
5211 Secondary Rd.  
Cleveland, Ohio 44135

*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 for complete certification basis)

*Original Product - Type Certificate Number :* A16WE

*Make :* The Boeing Company

*Model :* 737-2H4

*Description of Type Design Change:*

Activation of an existing Aircell Axxess Cabin Telecommunications Router (CTR) Wireless Local Area Network Access Point (WAP) (WLAN (IEEE 802.11 b, g, and n only)) in accordance with Constant Aviation Master Drawing List Report No. DB1208011, Revision IR, dated November 16, 2012, 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, Constant Aviation LLC Report No. DB1208013, Revision IR, approved May 30, 2013, or later FAA approved revision, is required.
- 3) You cannot use descriptive data about this design change to duplicate other products. This approval is limited to only the installation made in Boeing model 737-2H4, Serial No. 22675. This STC does not permit manufacturing of parts for multiple installations.

*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 27, 2012

*Date reissued:*

*Date of issuance:* June 7, 2013

*Date amended:*



*By direction of the Administrator*

*for* Steven L. Lardinois  
(Signature)

Steven L. Lardinois  
Manager, Systems and Flight Test Branch  
Chicago Aircraft Certification Office

(Title)

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 Supplemental Type Certificate Number \_\_\_\_\_

to *(Name of transferee)* \_\_\_\_\_

*(Address of transferee)* \_\_\_\_\_

*(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)*: \_\_\_\_\_

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

*Number* ST03196CH

*Date of Issuance:* June 7, 2013

*Certification Basis:* (continued)

Based on 14 CFR § 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Boeing 737-2H4 aircraft is as follows:

- a. The type certification basis for the Boeing 737-2H4 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 27, 2012, is based on TCDS A16WE. Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the baseline modification was determined to be:

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

14 CFR §§ 25.301, 25.303, 25.305(a)(b)(c), 25.307(a), 25.561(c), 25.601, 25.603(a)(b)(c), 25.605(a), 25.607, 25.609, 25.613(a)(b)(c), 25.619, 25.625(a)(b)(c), 25.789(a), 25.1301, 25.1307(c), 25.1309(b)(d)(e), 25.1327(a)(b), 25.1353(a)(b), 25.1357(a)(c), 25.1381, 25.1431(c), 25.1501, 25.1529, 25.1541, 25.1581, 25.1585(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 issuance date of this STC, compliance has been found for the following regulations 14 CFR §§ 26.11(c), (Amdt. No. 26-0).

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