

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

*Number* ST03256CH

*This certificate issued to* Constant Aviation LLC  
5211 Secondary Rd.  
Cleveland, OH 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 Type Certificate Data Sheet No. A16SW and Page 3 for complete certification basis)

*Original Product--Type Certificate Number :* A16SW  
*Make :* Hawker Beechcraft Corp.  
*Model :* 400A

*Description of Type Design Change:*

Activation of Aircell Cabin Telecommunications Router System with Wireless Local Area Network (WLAN (IEEE 802.11b/g/n 2.4-2.48 GHZ band only)) in accordance with Constant Aviation Master Drawing List Doc. No. DB0911009 Revision F, dated August 30, 2013, or later FAA approved version.

*Limitations and Conditions:*

1. FAA Approved Aircraft Flight Manual Supplement, Constant Aviation report number DB1001010, revision IR, dated August 28, 2013, or later FAA approved revision is required.
2. FAA Accepted Instructions for Continued Airworthiness, Constant Aviation report number DB1001004, revision A, dated June 10, 2013, or later FAA accepted revision is required for this modification.
3. This system is intended to provide internet connection and email services to the airplane's cabin using portable electronic devices (PEDs). Any other function of this equipment will require a re-examination of the certification basis.
4. The installer must determine whether this design change is compatible with previously approved modifications.
5. 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 :* November 20, 2009

*Date reissued :*

*Date of issuance :* September 05, 2013

*Date amended :*



*By direction of the Administrator*

(Signature)

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

(Title)

United States of America  
Department of Transportation - Federal Aviation Administration

**Supplemental Type Certificate**  
(Continuation Sheet)

*Number*

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

*Number* ST03256CH  
 Date of Issuance: September 05, 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 modified Hawker Beechcraft 400A series aircraft is as follows:

- a. The type certification basis for the Hawker Beechcraft 400A series aircraft is shown on TCDS A16SW 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, November 20, 2009, is based upon TCDS A16SW with changes as shown in the table below.

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 this modification was determined to be TCDS A16SW with the following changes:

Amdt. [25-41] 25.1309 (b)(d)	Amdt. [25-42] 25.1501 25.1581	Amdt. [25-46] 25.1585(a)	Amdt. [25-54] 25.1529
Amdt. [25-72] 25.1381(a)(1)	Amdt. [25-113] 25.1431(a)(b)(c)(d)	Amdt. [25-123] 25.1353 (a)(c)	

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