

United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate

Number SA03956AT

This certificate issued to Constant Aviation LLC
4243 East Lake Blvd.
Birmingham, AL 35217

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 23 of the Federal Aviation Regulations.

Original Product - Type Certificate Number : A60CE
Make : Embraer
Model : EMB-505

Description of Type Design Change:

Installation of Aircell ATG-4000 High Speed Internet System (AHSI) and Aircell Axxess II Iridium Satcom or Aircell Aviator 200 SBB Satcom, Aircell ATG - 5000 High Speed Internet System (AHSI) all with Wireless Local Area Network (WLAN) in accordance with Constant Aviation LLC, Master Drawing List DB1008002, Revision H, dated February 6, 2013, or later FAA approved revision.

Limitations and Conditions: This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determine by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. 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. FAA Approved Airplane Flight Manual Supplement, Document Number DB1008006, Revision A, dated April 5, 2013 is a required part of this STC, or later FAA approved revisions.

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 1, 2011

Date reissued :

Date of issuance : February 22, 2012

Date amended : April 5, 2013



By direction of the Administrator

(Signature)

Melvin D. Taylor
Manager
Atlanta Aircraft Certification Office

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.

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)*: _____

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Supplemental Type Certificate
(Continuation Sheet)

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This system is intended to provide internet connection and email services to the airplane's cabin using portable electronic devices (PEDs). Any other intended function of this equipment will require a re-examination of the certification basis.

Instructions for Continued Airworthiness (ICA), Constant Aviation LLC Document Number DB1105003, Revision A, dated September 24, 2011, or later FAA accepted revision must be made available to the operator at the time of installation.

Certification Basis:

The Certification Basis for this installation is per Type Certificate Data Sheet A59EU original Certification Basis. Part 23 of Title 14 of the Code of Federal Regulations effective February 1, 1965, as amended by Amendments 23-1 through 23-57.

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