

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

*Number* ST02638CH

*This certificate issued to*  
Canard Aerospace Corporation  
250 South Fuller Street, Suite 201  
Shakopee, MN 55379

*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:* A56NM  
*Make:* Embraer  
*Model:* ERJ 170-100 STD, ERJ 170-100 LR, ERJ 170-100 SU, ERJ 170-100 SE,  
ERJ 170-200 STD, ERJ 170-200 LR, ERJ 170-200 SU.

*Description of Type Design Change:*

Installation of Electronic Flight Bag provisions with Canard Aerospace Corporation Document Control Drawing No. 40174 Revision F, dated October 2, 2008 or later FAA approved revision.

*Limitations and Conditions:*

- 1) Compatibility of this design change with previously approved modifications must be determined by the installer.
- 2) FAA Approved Airplane Flight Manual Supplement, Canard Aerospace Corporation Document No. 46-3470-06, Revision NC, Approved October 3, 2008, or later FAA approved revision, is required on board the aircraft.
- 3) For Instructions for Continued Airworthiness (ICA), refer to Canard Aerospace Corporation Document Number 46-3470-07, Revision A, dated September 30, 2008, or later FAA accepted revision must be made available to the operator at the time of installation.

(Limitations and Conditions continued on page 3 of 3)

*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:* December 4, 2007

*Date reissued:*

*Date of issuance:* October 3, 2008

*Date amended:*



*By direction of the Administrator*

(Signature)

Charles L. Smalley, Manager  
Systems & Flight Test Branch  
Chicago Aircraft Certification Office

(Title)

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

*Number* ST02638CH

Date of Issuance: October 3, 2008

*Certification Basis* (Continued) :

The certification basis for the changed Embraer Model ERJ 170-100 STD, ERJ 170-100 LR, ERJ 170-100 SU, ERJ 170-100 SE, ERJ 170-200 STD, ERJ 170-200 LR, ERJ 170-200 SU aircraft with the installation of Canard Electronic Flight Bag provisions as described in this certificate is as follows:

- a. The type certification basis for Embraer Model ERJ 170-100 STD, ERJ 170-100 LR, ERJ 170-100 SU, ERJ 170-100 SE, ERJ 170-200 STD, ERJ 170-200 LR, ERJ 170-200 SU airplanes is shown on TCDS A56NM for parts **not changed or not affected** by the change.
- b. The certification basis for parts **changed or affected** by the change since the reference date of application, December 4, 2007, is as shown on TCDS A56NM. In addition, the holder of this certificate has complied with 14 CFR Part 25 as amended by Amendment 25-120:

**Regulations at the latest amendment 25-0 through 25-120**

25.29, 25.301 – 25.307, 25.321, 25.333, 25.365, 25.562, 25.571, 25.601 – 25.613, 25.625, 25.777, 25.807, 25.981, 25.1301, 25.1307 – 25.1309, 25.1351 – 25.1353, 25.1357, 25.1431, 25.1529, 25.1541, 25.1581.

*Limitations and Conditions* (Continued):

- 4) 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.
- 5) This installation approval does not cover the Electronic Flight Bag computers, only the Electronic Flight Bag mounting and wiring. The operational approval of the Electronic Flight Bag computers should follow the guidance in Advisory Circular (AC) No. 120-76A, or other FAA approved guidance.
- 6) This modification may not be installed after August 20, 2010 unless (1) previously approved electrical wiring interconnection system (EWIS) instructions for continued airworthiness (ICA) have been evaluated and determined to be adequate for this installation by the FAA, or (2) revised EWIS ICA have been approved by the FAA Oversight Office (Refer to § 26.11).
- 7) Any equipment that is attached to the provisions approved by this certificate must be tested in accordance with the requirements of Canard Aerospace Corporation report, 46-3470-17 EFB Requirements, EFB Provisions Installation, Revision B dated September 30, 2008 or later FAA approved revision.

...END...