

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

*Number* ST02388CH

*This certificate issued to*

Premier Air Center  
18 Terminal Drive  
East Alton, IL 62024-2254

*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 Sheet 3 for complete certification basis)

*Original Product--Type Certificate Number:* T00005NY  
*Make:* Bombardier Aerospace Inc.  
*Model:* BD-100-1A10

*Description of Type Design Change:*

Installation of dual or single Rockwell Collins IFIS-5000 Integrated Flight Information Systems with display on the existing Rockwell Collins Pro Line 21 Continuum Electronic Flight Instrument System (EFIS) in accordance with Premier Air Center Master Data List 09-385L001, Rev. A, dated March 01, 2007, 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 Flight Manual Supplements, Premier Air Center Document 09-385B001, Revision I/R, approved March 05, 2007 or later FAA approved revision for configuration -01 and Premier Air Center Document 09-385B003, Revision I/R, approved March 05, 2007 or later FAA approved revision for configuration -02 are required parts of this STC.
3. The aircraft must be maintained in accordance with Airworthiness Limitations contained in Premier Air Center Document 09-385B002, Revision I/R, Chapter 10, approved March 05, 2007, or later FAA approved revision, in addition to the basic aircraft maintenance manuals.

*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 13, 2006

*Date reissued:*

*Date of issuance:* March 06, 2007

*Date amended:*

*By direction of the Administrator*



(Signature)

Charles L. Smalley, 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* ST02388CH

Date of Issuance: March 06, 2007

*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.

**Certification Basis (continued)**

The certification basis for the Bombardier Aerospace Inc BD-100-1A10 of this certificate is as follows:

- a. The type certification basis for the Bombardier Aerospace Inc BD-100-1A10 of this certificate is shown on TCDS T00005NY for parts not changed or not affected by this change.
- b. The type certification basis for the parts changed or affected by this change since the reference date of application, December 13, 2006, is shown on TCDS T00005NY. Additionally, the applicant has voluntarily complied with 14 CFR Part 25 as amended by Amendment 25-119.

**Applicable Regulations at the latest amendment 25-0 through 25-119**

25.301(a); 25.303; 25.305(a), (b); 25.307(a); 25.341(a), (b); 25.365(a), (b), (c), (d); 25.561(c), (d); 25.571(a), (b); 25.601; 25.603(a), (b), (c); 25.605(a), (b); 25.607(a), (b), (c); 25.609(a), (b); 25.611; 25.613(a), (b), (c), (e), (f); 25.619; 25.625(a); 25.777(a), (c); 25.869(a4); 25.981(a); 25.1301(a), (b), (c), (d); 25.1307(c); 25.1309(a), (b), (c), (d), (e), (f), (g); 25.1322(a), (b), (c), (d); 25.1333(c); 25.1351(a); 25.1353(a), (b), (d); 25.1357(a), (c); 25.1431(a), (c), (d); 25.1501(a), (b); 25.1529; 25.1581(a), (b), (d); 25.1585(a), (b).

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