

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

*Number* ST02779CH

*This certificate issued to*

West Star Aviation, Inc  
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 Page 3 for complete certification basis)*

*Original Product--Type Certificate Number:* A50NM

*Make:* Dassault Aviation

*Model:* Falcon 2000

*Description of Type Design Change:*

Installation of dual Universal Avionics Systems Corporation UNS-1Ew Flight Management Systems in accordance with West Star Aviation Inc., Master Data List, Document No. 15-318L001, Revision A, dated November 17, 2009, 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, West Star Aviation Document No. 15-318B001, Revision I/R, approved November 19, 2009 or later FAA approved revision is a required part of this STC.
3. The aircraft must be maintained in accordance with West Star Aviation Document No. 15-318B002, Revision I/R, Chapter 10, Airworthiness Limitations, FAA approved June 19, 2008, or later FAA approved revision, in addition to the basic aircraft maintenance manuals.
4. If the holder agrees to permit another person to use this certificate to alter the 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:* April 11, 2008

*Date reissued:*

*Date of issuance:* November 19, 2009

*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* ST02779CH

Date of Issuance: November 19, 2009

**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 Dassault Aviation Falcon 2000 series aircraft with the installation of dual Universal Avionics Systems Corporation UNS-1Ew Flight Management Systems as follows:

- a. The type certification basis for Falcon 2000 series airplanes is shown on TCDS A50NM for parts not changed or not affected by this change.
- b. The certification basis for parts changed or affected by this change since the reference date of application, April 11, 2008, is based upon part 25 as amended by Amendment 25-119. 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:

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

25.301(a); 25.303; 25.305(a), (b); 25.307(a); 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(a), (b), (c); 25.625(a); 25.869(a4); 25.981(a); 25.1301(a), (b), (c), (d); 25.1307(c); 25.1309(a), (b), (c), (d), (e), (f), (g); 25.1316(a), (b), (c); 25.1322(a), (b), (c), (d); 25.1333(a), (b), (c); 25.1351(a); 25.1353(a), (b), (d); 25.1357(a), (c); 25.1381(a), (b); 25.1431(a), (b), (c), (d); 25.1501(a), (b); 25.1529; 25.1581(a), (b), (d); 25.1583(h); 25.1585(a), (b).

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