

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

Number ST02657CH

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: A33EU

Make: Dassault-Aviation

Model: Falcon 10

Description of Type Design Change:

Installation of dual Universal Avionics Systems Corporation UNS-1Lw Flight Management Systems in accordance with West Star Aviation, Inc. Master Data List, Document No. 10-318L001, Revision C, dated August 13, 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. 10-318B008, Revision A, approved August 28, 2009 or later FAA approved revision is a required part of this STC for Configuration -01 (Collins AP-105 and FD-109).
3. FAA Approved Flight Manual Supplement, West Star Aviation, Document No. 10-318B013, Revision I/R, approved August 28, 2009 or later FAA approved revision is a required part of this STC for Configuration -02 (Collins APS-80 Flight Guidance).
4. The aircraft must be maintained in accordance with Airworthiness Limitations contained in West Star Aviation, Document No. 10-318B007, Revision A, Chapter 10 Airworthiness Limitations, approved August 5, 2009, or later FAA approved revisions in addition to the basic aircraft maintenance manuals.
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: July 17, 2008

Date reissued:

Date of issuance: December 4, 2008

Date amended: September 2, 2009



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 ST02657CH

Date amended: September 2, 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 Falcon 10 series aircraft with the installation of dual Universal Avionics Systems Corporation UNS-1Lw Flight Management Systems as follows:

- a. The type certification basis for the Falcon 10 series airplanes is shown on TCDS A33EU 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, July 17, 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:

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); 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); 25.729(d); 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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