

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

Number ST02942CH

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: A46EU

Make: Dassault Aviation

Model: Mystere-Falcon 50

Description of Type Design Change:

Allow interchangeability of Rockwell Collins Pro Line 21 AFD-3010 and AFD-3010E displays in accordance with West Star Aviation, Inc. Master Data List, Document 12-332L003, Revision I/R, dated July 27, 2011, or later FAA approved revision.

Limitations and Conditions:

1. The installer must determine whether this design change is compatible with previously approved modifications.
2. Design change requires previous or concurrent installations in accordance with ST01578CH-D, installation of Rockwell Collins Pro Line 21 Avionics System, and in accordance with ST01263WI-D, installation of Rockwell Collins IFIS-5000 Integrated Flight Information System.
3. FAA Approved Flight Manual Supplement, West Star Aviation, Inc. Document No. 12-332B023, Revision I/R, approved August 15, 2011 or later FAA approved revision is required onboard the modified aircraft.
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: June 8, 2011

Date reissued: October 30, 2012

Date of issuance: August 15, 2011

Date amended:

By direction of the Administrator



(Signature)

Steven L. Lardinois, Manager
Systems and Flight Test Branch
Chicago Aircraft Certification Office

(Title)

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Supplemental Type Certificate
(Continuation Sheet)

Number ST02942CH

Issued: August 15, 2011
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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 Mystere-Falcon 50 aircraft with the Rockwell Collins Pro Line 21 AFD-3010 and AFD-3010E interchangeable displays are as follows:

- a. The type certification basis for the Dassault Aviation Mystere-Falcon 50 airplanes is shown on TCDS A46EU 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, June 8, 2011, 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

25.1301(a), (b), (c), (d); 25.1309(a), (b); 25.1322(a), (b), (c), (d); 25.1353(a), (b); 25.1431(c); 25.1501(a), (b); 25.1529; 25.1581(a), (b), (d); 25.1585(a), (b).

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