

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

Number ST02136CH

This certificate issued to
Flying Investments, LLC
4500 S. School Avenue
Suite L
Fayetteville, AR 72701

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: A7EU
Make: Dassault-Aviation
Model: Fan Jet Falcon, Fan Jet Falcon Series D, Fan Jet Falcon Series E, Fan Jet Falcon Series F, Mystere-Falcon 20-C5, Mystere-Falcon 20-D5, Mystere-Falcon 20-E5, Mystere-Falcon 20-F5

Description of Type Design Change:

Installation of a Honeywell Mark VII Enhanced Ground Proximity Warning System (EGPWS) in accordance with Haycock & Associates Master Data List F20-3442-0001-01, Rev. B, dated November 13, 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 Supplement, Haycock & Associates Document F20-3442-0001-100, Revision A, approved June 04, 2008 or later FAA approved revision is a required part of this STC.
3. FAA Approved Flight Manual Supplement, Haycock & Associates Document F20-3442-0001-101, Revision '-', approved April 20, 2005 or later FAA approved revision is a required part of this STC.
4. The aircraft must be maintained in accordance with Airworthiness Limitations contained in Haycock & Associates Document F20-3442-0001-200, Chapter 10, Revision I/R, FAA approved April 20, 2005 or later FAA approved revision, in addition to the basic aircraft maintenance manuals.
5. 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.

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: February 07, 2005

Date reissued: September 16, 2008

Date of issuance: April 20, 2005

Date amended: June 06, 2008



By direction of the Administrator

(Signature)
Steven L. Lardinois, Acting 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 ST02136CH

Date Issued: April 20, 2005

Date Amended: June 06, 2008

Certification Basis (continued)

The certification basis for the Dassault-Aviation aircraft models identified on Page 1 of this certificate is as follows:

- a. The type certification basis for the Dassault-Aviation aircraft models identified on Page 1 of this certificate is shown on TCDS A7EU 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 , May 13, 2004, is based upon Part 25 as amended by Amendment 25-116. Based on 14 CFR §§ 21.101 and 21.115, 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 25-116

25.301(a); 25.303; 25.305(a), (b), (c); 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); 25.607(a), (b), (c); 25.609(a); 25.611; 25.613(a), (b), (c); 25.619; 25.625(a); 25.869(a)(4); 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); 25.1333(c); 25.1351(a); 25.1353(a), (b); 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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