

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

Number ST10978SC

This Certificate issued to BHE and Associates
12002 Warfield, Suite 250
San Antonio TX 78216

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.

Original Product Type Certificate Number : A50NM
Make : Dassault Aviation
Model : Falcon 2000, 2000EX

Description of Type Design Change: Installation of upgraded hardware to the Rockwell Collins Pro Line IV FMS-6100 to provide Localizer Performance with Vertical Guidance (LPV) in accordance with master drawing list 347-00-0001, revision B, dated June 21, 2010, or later approved FAA revision. Airplane flight manual supplement, document 347-00-0014, revision IR, dated June 30, 2010, or later approved FAA revision, is required.

Limitations and Conditions: The installer must determine whether this design change is compatible with previously approved modifications. 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.

(See continuation sheet 3 of 3)

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 : March 01, 2010

Date reissued :

Date of issuance : August 03, 2010

Date amended :



By direction of the Administrator

(Signature)

S. Frances Cox
Manager, Special Certification Office
Southwest Region

(Title)

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(Continuation Sheet)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

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Number ST10978SC
Date of Issuance: August 03, 2010

Limitations and Conditions (Continued):

Certification Basis: Based on 14 CFR §§ 21.115 and 21.101, and FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Dassault Falcon 2000 and Falcon 2000EX modified by upgrading the FMS-6100 with Localizer Performance with Vertical Guidance (LPV) is as follows:

- a. The type certification basis for Dassault Falcon 2000 and Falcon 2000EX airplanes is shown on TCDS A50NM for parts not changed or not affected by the change.
- b. The certification basis for parts changed or affected by the change since the reference date of applications, March 3, 2010, is based upon part 25 as amended by Amendment 25-129.

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 is determined to be:

Regulations: at the latest amendment 25-0 through 25-129
14 CFR § 25.1, 25.2, 25.23, 25.29, 25.581 (a)(b), 25.601, 25.981 (a), 25.1316 (b)(c), 25.1317 (d), 25.1321 (a)(e), 25.1322 (b)(c)(d), 25.1351 (a), 25.1381, 25.1431, 25.1529, 25.1541, 25.1555 (a), 25.1581, 25.1583 (h), and 25.1585 (a).

Regulations: at an intermediate amendment
None

Regulations at the amendment level in TCDS A50NM
14 CFR § 25.869 (a)(4), 25.1301, 25.1309, 25.1353 (a)(c)
and 25.1357 (a)(c)

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