

United States Of America  
Department of Transportation - Federal Aviation Administration

# Supplemental Type Certificate

Project No. ST9448SC-T KSC

*Number* ST11047SC

*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 replace Rockwell Collins Pro Line 4 displays with Rockwell Collins Pro Line 21 displays, add an Integrated Flight Information System (IFIS), and enable localizer performance with vertical guidance (LPV) capability in accordance with master drawing list 365-00-0001, revision C, dated April 1, 2011, or later approved FAA revision. Airplane flight manual supplement, document 365-00-0056, revision IR, dated May 3, 2011, 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 :* November 30, 2010

*Date reissued :*

*Date of issuance :* May 04, 2011

*Date amended :*



*By direction of the Administrator*

(Signature)

S. Frances Cox  
Manager, Special Certification Office  
Southwest Region

(Title)

United States Of America  
Department of Transportation - Federal Aviation Administration  
**Supplemental Type Certificate**  
(Continuation Sheet)

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**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* ST11047SC

Date of Issuance: May 04, 2011

*Limitations and Conditions* (Continued):

This installation requires the installation of supplemental type certificate ST01433WI-D in order to provide global positioning system data enhanced with the wide area augmentation system.

*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 Aviation Falcon 2000/2000EX modified by upgrading Rockwell Collins Pro Line 4 displays to Rockwell Collins Pro Line 21 displays and installing an Integrated Flight Information System is as follows:

- a. The type certification basis for Dassault Aviation Falcon 2000/2000EX 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, November 30, 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 were determined to be:

*Regulations at the latest amendment 25-0 through 25-129*

14 CFR § 25.1, 25.2, 25.23 (b), 25.301, 25.303, 25.305 (a)(b), 25.307 (a), 25.321, 25.341 (a), 25.365, 25.561 (a)(b), 25.571 (a)(b), 25.581 (a)(b), 25.601, 25.603, 25.605 (a), 25.609 (a), 25.613 (a)(b), 25.771 (a), 25.773 (a), 25.789 (a), 25.1303, 25.1307 (c), 25.1316, 25.1317 (d), 25.1321 (a)(b)(e), 25.1322, 25.1329, 25.1331, 25.1333, 25.1351 (a), 25.1381, 25.1431, 25.1501, 25.1519, 25.1523, 25.1529, 25.1541, 25.1543, 25.1555 (a), 25.1581, 25.1583 (h), and 25.1585 (a).

*Regulations at an intermediate amendment*

14 CFR § 25.869 (a)(4) Amendment 25-72  
14 CFR § 25.981(a3) Amendment 25-102  
14 CFR § 25.1353 (a)(b)(d) Amendment 25-113

*Regulations at the amendment level in TCDS A50NM*

14 CFR § 25.1301, 25.1309 and 25.1357 (a)(c)

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