

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

Number **SA02369AK**

This Certificate issued to Chelton Flight Systems, Inc
4001 Old International Airport Drive, Unit #10
Anchorage, Alaska 99502

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.

Original Product Type Certificate Number: A-815
Make: Bombardier Inc. (de Havilland)
Model: DHC-3

Description of Type Design Change: Installation of FlightLogic Synthetic Vision Electronic Flight Information System (EFIS), in accordance with Chelton Flight Systems, Inc., System Installation Instructions, Document Number 150-045264, Revision AE, dated September 16, 2008 or later FAA approved revision.

Limitations and Conditions:

1. Compatibility of the design change with previously approved modifications must be determined by the installer.
2. FAA approved Airplane Flight Manual Supplement or Supplemental Airplane Flight Manual, Document Number 13-DHC350, Revision A, dated April 7, 2010 or later FAA approved revision, is a required part of this installation.
3. For Instructions for Continued Airworthiness, refer to Document Number 13-DHC370, Revision B, dated April 7, 2010 or later FAA approved revision.
4. 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 5, 2010

Date reissued:

Date of issuance: April 8, 2010

Date amended:



By direction of the Administrator

(Signature)

August A. Asay
Manager, Anchorage Aircraft Certification Office

(Title)

United States Of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate
(Continuation Sheet)

Number **SA02369AK**

Limitations and Conditions (Continued):

5. Chelton Flight Systems elected to show compliance to the following Federal Aviation Regulations(FAR) :

<u>FAR</u>	<u>Amendment</u>
23.301(a)(b)	23-48
23.303	None
23.305(a)(b)	23-45
23.307(a)(b)	None
23.601	None
23.771(a)	23-14
23.773(a)(1)(2)	23-45
23.777(a)(b)	23-51
23.1301(a)(b)(c)(d)	23-20
23.1303(a)(b)(c)(d)(e)(f)(g)	23-49
23.1307	23-49
23.1308(d)	23-57
23.1309(a)(b)(c)(d)(e)(f)	23-49
23.1311(a)(b)(c)	23-49
23.1321(a)(b)(c)(d)(e)	23-49
23.1322(a)(b)(c)(d)(e)	23-43
23.1323(a)(b)(c)(d)(e)	23-49
23.1325(a)(b)	23-49
23.1327(a)(b)	23-20
23.1329(g)(h)	23-49
23.1331(a)(b)	23-43
23.1335	23-20
23.1351(a)	23-49
23.1353(a)(b)(c)(d)(e)(h)	23-49
23.1357(a)(b)(c)(d)	23-43
23.1359(c)	23-49
23.1361(c)	23-49
23.1365(a)(b)(c)(d)(e)	23-49
23.1367(a)(b)(c)(d)	None
23.1381(a)(b)(c)	None
23.1431(a)(b)	23-49
23.1501(a)(b)	23-21
23.1519	None
23.1529	23-26
23.1541(a)(b)	23-21
23.1543(a)(b)(c)	23-50
23.1545(a)(b)(c)(d)	23-50
23.1555(a)	23-50
23.1581(a)(b)(c)(d)(f)	23-50
23.1585(a)(j)	23-50

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