

United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate

Number ST03872AT

This certificate issued to Avionics Support Group, Inc.
14291 SW 120 Street Suite 101
Miami, FL 33186

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: A13NM
Make: Bombardier
Model: DHC-8 Series

Description of Type Design Change:

Installation of a KANNAD 406 Emergency Locator Transmitter in DHC-8 Series Aircraft in accordance with Avionics Support Group, Inc. Master Data List 210021-MDL, Rev. A, dated 7/14/10, or later FAA approved revision.

Limitations and Conditions: This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. 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: April 9, 2010

Date reissued:

Date of issuance: August 16, 2010

Date amended:



By disposition of the Administrator

Melvin D Taylor
(Signature)

Melvin D Taylor
Manager, Atlanta Aircraft Certification Office

(Title)

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(Continuation Sheet)

Certification Basis:

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 Bombardier DHC-8 Series is as follows:

- a. The type certification basis for Bombardier Model DHC-8 series airplanes is shown on TCDS A13NM for parts not changed or affected by the change.
- b. The certification basis for parts changed or affected by the change since the reference date of application, April 9, 2010, is based upon part 25 as amended by Amendment 25-123. Based on Order 8110.48, the certification basis for this modification was determined to be:

Regulations at the latest amendment 25-0 through 25-128

§§ 25.29	§§ 25.301	§§ 25.303	§§ 25.305	§§ 25.307	§§ 25.561	§§ 25.571
§§ 25.581	§§ 25.601	§§ 25.603	§§ 25.605	§§ 25.1301	§§ 25.1309	§§ 25.1351
§§ 25.1353	§§ 25.1357	§§ 25.1360	§§ 25.1431	§§ 25.1529	§§ 25.1541	§§ 25.1581

14 CFR Part 26 Regulations

Based on 14 CFR §21.101(g), applicable provision of 14 CFR part 26 are included in the certification basis. For any future 14 CFR part 26 amendments, the holder of this STC must demonstrate compliance with the applicable sections. As of the issuance date of this STC, compliance has been found for the following regulation: 14 CFR §26.11.