

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

Number **ST01978SE**

This certificate, issued to **Cascade Aviation Services Inc.
9800 Harbour Place
Suite 205
Mukilteo, WA 98275**

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-8-400**

Description of the Type Design Change: Installation of optional electronic Remote Access System (RAS) on cockpit security doors for Model DHC-8-400 series airplanes in accordance with Cascade Aviation Services Inc, Master Data List 07CAS343-MDL, Revision B, dated February 13, 2009, or later Federal Aviation Administration (FAA) approved revision.

Limitations and Conditions: The approval of this change in type design applies to the above model aircraft only. See continuation sheet 3 of 3 for additional limitations. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce, no adverse effect upon the airworthiness of the aircraft. A copy of this Certificate, the Continuation Sheet, and Cascade Aviation Services Inc. Master Data List 07CAS343-MDL, Revision B, dated February 13, 2009, or later FAA approved revision must be maintained as part of the permanent records for the modified aircraft.

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: **October 15, 2007**
Date of issuance: **March 18, 2009**

Date reissued: **May 6, 2009**
Date amended:



By direction of the Administrator

(Signature)

Manager, Seattle Aircraft Certification Office
(Title)

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

This certificate may be transferred in accordance with FAR 21.47.

United States of America
Department of Transportation Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)
Number **ST01978SE**

Issued to: **Cascade Aviation Services Inc**

Date of Issuance: March 18, 2009

Date Amended:

Limitations and Conditions: (cont'd)

Note: This continuation sheet is applicable to the STC as issued on March 18, 2009.

The RAS is only for cockpit security doors that are manufactured in accordance with STC ST01200SE.

The Supplemental Instructions for Continued Airworthiness, Cascade Aviation Services Inc, Document 07CAS343-D30, Revision New, dated August 26, 2008 or later FAA accepted revision must be incorporated into the operators maintenance program.

Airplane Flight Manual Supplement, Cascade Aviation Services Inc, Document 07CAS343-D80, Revision B, dated January 7, 2009 or later FAA approved revision is applicable to airplanes modified in accordance with this STC

The Airplane Maintenance Manual Supplement, Cascade Aviation Services Inc, Document 07CAS343-D82, Revision New, dated March 17, 2008, or later FAA accepted revision must be incorporated into the operators' maintenance program.

Certification Basis:

The certification basis for this modification is in accordance with Type Certificate Data Sheet, A13NM (revision 15 dated December 27, 2006, up to amendment 25-106) for the DHC-8-400 model aircraft with the exception of the following regulations which are at a later amendment.

25.869(a)(1)(4) Amdt 25-113

25.1353(a)(b)(d) Amdt 25-113

25.1431(a)(c)(d) Amdt 25.113

----- **END** -----

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