

Department of Transportation - Federal Aviation Administration

## Supplemental Type Certificate

*Number* **ST02448SE***This certificate, issued to***Aviation Specialties Unlimited, Inc.  
4632 West Aeronca Street  
Boise, ID 83705**

*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 25 of the Federal Aviation Regulations.*

<i>Original Product—Type Certificate Number:</i>	A13NM
<i>Make:</i>	Bombardier
<i>Model:</i>	DHC-8-100 Series and DHC-8-200 Series

*Description of the Type Design Change:* Installation of a Supplemental Lighting System. Manufactured and installed in accordance with Aviation Specialties Unlimited (ASU) Master Drawing List MDL-DHC8004-3, Revision C, dated December 18, 2015, or later Federal Aviation Administration (FAA) approved revision, and maintained in accordance with Instructions for Continued Airworthiness ICA-DHC8004-4, Revision A, dated September 16, 2015, or later FAA-accepted revisions.

*Limitations and Conditions:* This STC applies to the models listed above and only to the specific serial numbers listed on the ASU Master Drawing List MDL-DHC8004-3, Revision C, dated December 18, 2015, or later FAA-approved revision. This aircraft employs Night Vision Imaging System lighting, commonly named NVIS that has been certified to ensure the aircraft is compatible with Night Vision Goggles (NVG). For this reason, interior and exterior modifications that add or change systems that emit or reflect light have the potential to alter or change the NVIS lighting vs. NVG compatibility. Compatibility of this design with subsequent modifications must be determined by the installer. The determination of compatibility with modifications that emit or reflect light may require a re-evaluation by an FAA Aircraft Certification Office. A copy of this certificate and the FAA-approved Airplane Supplement Flight Manual FMS-DHC8004-6, Revision B, FAA approved January 5, 2016, or later FAA approved revision, must be maintained as part of the permanent records for the modified rotorcraft.

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 13, 2015

*Date reissued:*

*Date of issuance:* August 6, 2015

*Date amended:* January 14, 2016



*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.***