

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate
Number ST04176AT

This certificate issued to FlightWorks, Inc.
600 Town Park Lane, Suite 550
Kennesaw, Georgia 30144

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.*

**See Page 3*

Original Product--Type Certificate Number .: 1A19
Make .: Viking Air Limited (Bombardier)
Model .: DHC-4A (Caribou)

Description of Type Design Change:

Reduction of Maximum Zero Fuel Weight to 25,800 Pounds by decreasing Payload to 7500 pounds, for Bombardier DHC-4A Turbo Caribou aircraft, in accordance with FlightWorks, Inc. Master Data List (Document Number 0810-001-003, Rev - , August 12, 2014), or later FAA approved revision.

Limitations and Conditions:

1. This STC is only applicable to DHC-4A aircraft that have been previously modified by STC ST01294NY to become DHC-4A Turbo Caribou aircraft.
2. FAA Approved Aircraft Flight Manual Supplement, 0810-001-001, Rev - , September 15, 2014, or later FAA approved revision is a required part of this STC.
3. 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.
4. 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.

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 .: June 23, 2014

Date reissued .:

Date of issuance .: September 15, 2014

Date amended .:

By direction of the Administrator



(Signature)

Melvin D. Taylor
Manager
Atlanta Aircraft Certification Office

(Title)

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplement Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number _____

to *(Name of transferee)* _____

(Address of transferee) _____
(Number and street)

(City, State, and ZIP code)

from *(Name of grantor)* *(Print or type)* _____

(Address of grantor) _____
(Number and street)

(City, State, and ZIP code)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor (In ink): _____

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)
Number ST04176AT

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 Viking Air Limited (Bombardier) DHC-4A (Caribou) aircraft is as follows:

- The type certification basis for Viking Air Limited (Bombardier) DHC-4A (Caribou) aircraft is shown on TCDS 1A19 for parts **not changed or affected** by the change.
- The certification basis for parts **changed or affected** by the change since the reference date of application, June 23, 2014, is based upon part 25 as amended by Amendment 25-77. 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 was determined to be:

14 CFR part 25 Regulations at the latest amendment 25-0 through 25-138:

25.23, 25.25(a), 25.27, 25.29, 25.601, 25.603, 25.1519, 25.1525, 25.1529, 25.1541(a)(1)(b), 25.1581(b)(d)

14 CFR part 25 Regulations at earlier amendment 25-0 through 25-77:

25.853 Amdt 25-72

14 CFR part 25 Regulations at earlier amendment 25-0 through 25-15:

25.1583(c) Amdt 25-0

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