United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

IMPORT

Number: SA03899NY

This certificate issued to: Avmax Aviation Services Inc.
3691 19th Street NE
Calgary, Alberta
Canada T2E 6S8

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:
A9EA

Make: Viking Air Limited
Model: DHC-6-100, DHC-6-200, DHC-6-300

Description of Type Design Change:

1. Installation of the TB44 Lithium Ion Battery System must be in accordance with Transport Canada approved Avmax Aviation Services Inc. Engineering Order CE295-401, Issue A, dated June 01, 2015 or later Transport Canada approved revision.
2. Maintenance of the TB44 Lithium Ion Battery System must be in accordance with Transport Canada accepted Avmax Aviation Services Inc. Maintenance Manual Supplement CE295-701 Issue A, dated June 01, 2015 or later Transport Canada accepted revision.

(See Description of Type Design Change continued on Page 3 of 3)

Limitations and Conditions:

1. The installer must determine whether this design is compatible with other previously approved modifications.
2. If the holder agrees to permit another person to use the certificate to alter the product, the holder must 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, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of Application: January 18, 2016

Date Reissued:

Date of Issuance: April 26, 2017

Date Amended:

By Direction of the Administrator

Signature _____

Title Gaetano Sciortino
Manager
New York Aircraft Certification Office

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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).

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INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification Office of the transfer of this Supplemental 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: SA03899NY

To (Name and address of transferee)

From (Name and address of grantor)

Extent of Authority (if licensing agreement):

Date of transfer:

Signature of grantor: _____

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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).

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Supplemental Type Certificate

(Continuation Sheet)
Number: SA03899NY

Date of Issuance: April 26, 2017

Description of Type Design Change (continued):

3. Operation of the TB44 Lithium Ion Battery System must be in accordance with Transport Canada approved Avmax Aviation Services Inc. Flight Manual Supplement CE295-801, Issue A, dated September 01, 2015 or later Transport Canada approved revision.
4. Definition of the Type Design change: Transport Canada approved Avmax Aviation Services Inc. Master Data List CE295-900, Issue A, dated January 07, 2016 or later Transport Canada approved revision.

Certification Basis:

Based on 14CFR 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification to the Viking Air Limited DHC-6-100, DHC-6-200, DHC-6-300 is as follows:

a. The type certification basis for the Viking Air Limited DHC-6-100, DHC-6-200, DHC-6-300 as shown on the TCDS A9EA for parts not changed or not affected by the change.

b. The type certification basis for the Viking Air Limited DHC-6-100, DHC-6-200, DHC-6-300 as shown on the TCDS A9EA for parts changed or affected by the change with the following requirements:

- 14 CFR Part 23 including amendments 23-1 through 23-61; except for Subpart C at amendment 23-0

- Special Condition 23-280-SC, dated April 24, 2017, Special Conditions for installed Rechargeable Lithium Batteries and Battery Systems

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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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).