

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

Number ST03434CH

This certificate issued to

Aeronautix, LLC
4603 John Garry Drive, Suite 12
Columbia, MO 65203

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 the Federal Aviation Regulations. (See page 3 for complete certification basic)

Original Product--Type Certificate Number: A-806
Make: Viking Air Limited
Model: DHC-2, Mk.1

Description of Type Design Change:

Installation of Trace TE600D engine in accordance with Master Data list, TEDHC2-16, Rev. IR, dated February 10, 2015, or later FAA approved revision.

Limitations and Conditions:

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. If the holder agrees to permit another person to use this certificate to alter the product, the holder must give the other person written evidence of that permission.
3. Compatibility with Transport Canada STC SA92-63, Gross Weight Increase to 5,600 lb, has been shown and must be installed as part of this proposal.
4. Compatibility with Transport Canada STC SA01-22, Wing Tip Tanks, has been shown and must be installed as part of this approval.
5. Compatibility with FAA STC SA456NW, Auxiliary Vertical Fins, has been shown and must be installed as part of this approval.
6. Compatibility with FAA STC SA1402GL, Cleveland Main Wheels and Brakes, has been shown and must be installed as part of this approval.

(See continuation sheet page 3)

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: December 12, 2010

Date reissued: July 31, 2015

Date of issuance: March 20, 2015

Date amended:



By direction of the Administrator

Original Signed By:
Chung-Der Young

(Signature)

Chung-Der Young
Acting Manager, Propulsion & Program Management Branch
Chicago Aircraft Certification Office

(Title)

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

Number ST03434CH

Date Issued: March 20, 2015

Date Reissued: July 31, 2015

Limitations and Conditions (Continued):

7. Compatibility with Transport Canada STC SA99-203, Front Fuselage Strut Assembly, has been shown.
8. Compatibility with Transport Canada STC SA91-15, Elevator Trim Tab Push Rod Assembly, has been shown.
9. Compatibility with Transport Canada STC SA90-2, Extension with Alaska Cargo Door Configuration, has been shown.
10. Airplane Flight Manual Supplement, TEDHC2-09, Revision IR, or later FAA approved revision is required as part of this approval.
11. Instructions for Continued Airworthiness, TEDHC2-14, Revision A, or later FAA approved revision, is required as part of this approval.

Certification Basis:

Based on 14 CFR 21.101 and 21.115 and FAA policy for significant changes in FAA Order 8110.48, the certification basis is as follows:

1. The type certification basis for areas **not changed** or **not affected** by this modification is shown in the applicable TCDS.
2. The certification basis for areas **changed** or **affected** by this modification since the date of application was determined to be:
 - a. **Regulations at the latest amendment 23-0 through 23-62**
 - i. 14 CFR Part 23: 23.779(a) (1)(2) (b) (1) (2); 23.909 (a) (b) (c) (d) (1) (2) (3) (e); 23.933 (b) (1) (2); 23.939 (b); 23.955 (a) (b) (c) (1) (3) (d); 23.1093 (a) (5); 23.1101 (a) (b) (c); 23.1109; 23.1305 (a) (2) (3) (b) (2) (4) (i) (ii) (7); 23.1322 (a) (b) (c) (e); 23.1529; Appendix G
 - ii. 14 CFR Part 34
 - iii. 14 CFR Part 36
 - b. **Regulations at an intermediate amendment**
 - I. 23.907, Amdt. 23-51
 - c. **Regulations at the amendment level in the applicable TCDS**
 - i. Civil Air Regulations, Amendment 03-0, effective November 13, 1945

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