

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

*Number* SA01243NY

*This certificate issued to*

Viking Air Limited  
9574 Hampden Road  
Sidney, British Columbia V8L SVS  
Canada

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified herein meets the airworthiness requirements of Part 3 of the Civil Air Regulations.*

*Original Product -- Type Certificate Number:* A-815  
*Make:* Viking Air Limited  
*Model:* DHC-3

*Description of Type Design Change:*

Installation of a Flutter Prevention Modification to be completed in accordance with Viking Air Ltd. Master Document Index No. V3MK1148, Issue 3, dated February 13, 2002 or later Transport Canada approved revision.

*Certification Basis:*

1. For the areas unaffected by this modification, the certification basis is as defined in TCDS A-815.
2. For the areas affected by this modification, the certification basis is as defined in TCDS A-815, plus 14 CFR §23.629 at Amendment 23-23, October 30, 1978 and 14 CFR §23.659 at Amendment 23-23, October 30, 1978.

*Limitations and Conditions:*

1. Repair Manual Supplement PSM1-3-3 "Control Surface Trim and Servo Tab Balancing Procedure, Viking Air Flutter Prevention Kit", dated January 31, 2002, or later Transport Canada accepted revision is required with this STC.
2. Maintenance must be performed in accordance with Maintenance Manual Supplement V3MK1148-2, "Installation of Viking Air Limited V3MK1148 Flutter Prevention Kit", Issue 2, dated February 10, 2002 or later Transport Canada accepted revision.
3. STC SA01243NY supersedes ST01243NY.

(See Continuation Sheet 2)

*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:* July 18, 2000

*Date reissued:* March 18, 2002, February 27, 2004  
October 27, 2008

*Date of issuance:* September 26, 2000

*Date amended:* March 18, 2002, October 06, 2004  
January 21, 2009



*By direction of the Administrator*

(Signature)

Anthony Socias  
Manager  
New York 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.

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# Supplemental Type Certificate

## (Continuation Sheet)

*Number* SA01243NY

Date of Amendment: January 21, 2009

*Limitations and Conditions* (Continued):

4. The Installer must determine whether this design change is compatible with previously approved modifications.
5. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written permission of that permission.

### APPROVED CONFIGURATION LIST

Configuration	1	2	3	4	5
Engine	Pratt and Whitney S3H1-G, S1H1-G, R-1340-59 or R-1340-61	Pezetel PZL ASZ-621R-M18	Pratt and Whitney PT6A-135, PT6A-135A, PT6A-34	Honeywell (Garrett) TPE331-10/-12JR	Walter M601E-11
Propeller	Hamilton Standard 3D40-6511A-9X, 6529A-9X or 6631A-9 (3 bladed)	Pezetel AW-2-30 (4 bladed)	Hartzell HC-B3TN-3DY/T10282/T1028 2 +4 (3 bladed)	Hartzell HC-B4TN-5NL/LT10890N (4 bladed)	AVIA V508E-AG (3 bladed)
Method of Approval	TCDS A-815 (A-27, Canadian)	STC SA327NE (SA83-18)	STC SA3777NM (SA89-32)	STC SA09866SC (SA02-15)	STC SA09857SC (SA01-11)

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