

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

*Number* SA620NE

*This certificate issued to*

Viking Air Limited  
Victoria International Airport  
9574 Hempden Road  
Sidney B.C. Canada V8L 5V5

*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 3 of the Civil Air Regulations.*

*Original Product -- Type Certificate Number:* A-806

*Make:* de Havilland Inc.

*Model:* DHC-2 Mk. III

*Description of Type Design Change:*

Installation of a Pratt & Whitney PT6A-27, PT6A-15AG or PT6A-34 Turboprop Engine to be done in accordance with Viking Air Limited Master Document Index (MDI) VT2MK1607, Issue 1, dated September 19, 2003, Transport Canada approved November 20, 2003, or later Transport Canada approved revisions. Eligible engine, propeller and governor configurations are specified in the Approved Powerplant Configurations table per the continuation sheet.

*Limitations and Conditions:*

1. DHC-2 MK III aircraft shall conform to the following deHavilland Canada modifications prior to the incorporation of this STC:  
T2/2035 (Engine control modifications for PT6A-20 engine installation)  
SOO/2054 or T2/2057 (Installation of PT6A-20 engine)  
T2/2056 (Dual ignition system – PT6A-20 engine)

**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:* April 13, 1987

*Date reissued:*

*Date of issuance:* November 10, 1988

*Date amended:* June 25, 1998, March 22, 2005



*By direction of the Administrator*

(Signature)

Vito A. Pulera  
Manager  
New York Aircraft Certification Office

(Title)

United States of America  
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**Supplemental Type Certificate**  
 (Continuation Sheet)

*Number* SA620NE

Issue Date: November 10, 1988  
 Amendment Date: March 22, 2005

**Continuation Sheet – 2 –**

*Limitations and Conditions {cont'd}:*

2. Viking Air Ltd. Flight Manual Supplement for PT6A-27/-15AG, 550 SHP, #VT2E1020-23 Issue 7, dated September 20, 2003, Transport Canada approved November 20, 2003, or later Transport Canada approved revision; or  
  
 Viking Air Ltd. Flight Manual Supplement for PT6A-27/-15AG, 680 SHP, #VT2E1020-24 Issue 1, dated September 20, 2003, Transport Canada approved November 20, 2003, or later Transport Canada approved revision; or  
  
 Viking Air Ltd. Flight Manual Supplement for PT6A-34, 680 SHP, #VT2E1020-25 Issue 1, dated September 20, 2003, Transport Canada approved November 20, 2003, or later Transport Canada approved revision.
3. Viking Air Ltd. Maintenance Manual Supplement #VT2E1020-22, Revision 3, dated September 19, 2003, or later Transport Canada accepted revision is required for this installation.
4. Compatibility of this design change with previously approved modifications must be determined by the installer.
5. 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.

**APPROVED POWERPLANT CONFIGURATIONS**

Power Rating (SHP)	DOT Approved Flight Manual Supplement	Pratt & Whitney Canada Engine Models	Hartzell Propeller Model (Hub & Blades)	Governors (Applicable to all Propellers)
550	VT2E1022-23 Issue #7, dated 19 September 2003	PT6A-27 Or PT6A-15AG	HC-B3TN-3(B)(Y) Hub with T10173C+1 Blades	Woodward p/n 210628, reset RPM to 70% Np
680	VT2E1022-24 Issue #1, dated 19 September 2003	PT6A-27 Or PT6A-15AG	HC-B3TN-3(B)(Y) Hub with T10173C+1 Blades Or HC-B3TN-3(D)(Y) Hub with T10282(N)(B,K) Blades	Woodward p/n 210628, reset RPM to 70% Np
680	VT2E1022-25 Issue #1, dated 19 September 2003	PT6A-34	HC-B3TN-3(B)(Y) Hub with T10173C+1 Blades Or HC-B3TN-3(D)(Y) Hub with T10282(N)(B,K) Blades	Woodward p/n 210628, reset RPM to 70% Np

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