

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

*Number* SA02009NY

*This certificate issued to*

Viking Air Limited  
9574 Hampden Road  
Sidney, British Columbia  
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-815

*Make:* Bombardier (deHavilland)

*Model:* DHC-3

*Description of Type Design Change:*

**Configuration 1, 2, & 3:**

Installation of modifications for gross weight increase to 9000 lb. in accordance with TAG Aerospace Report 037002-10, Master Drawing List, Rev. D, dated January 2, 2007, or later Transport Canada approved revision.

*Limitations and Conditions:*

1. **Configuration 1:** The following equipment is required:
  - PZL Model ASz-621R-M18 engine, with PZL model AW-2-30 propeller, installed in accordance with STC SA327NE, amended May 22, 2000.
  - Baron STOL kit installed in accordance with STC SA00287NY, dated March 10, 1995
  - International Aeroproducts model 8100 floats installed in accordance with STC SA01995NY, dated September 8, 2004.

(See Continuation Sheets 2 through 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.*

**IMPORT**

*Date of application:* June 11, 2004

*Date reissued:* January 6, 2006

*Date of issuance:* October 14, 2004

*Date amended:* November 16, 2005, May 17, 2007

*By direction of the Administrator*



(Signature)

Anthony Socias  
Manager  
New York Aircraft Certification Office

(Title)

United States of America  
Department of Transportation -- Federal Aviation Administration

# Supplemental Type Certificate

(Continuation Sheet)

*Number* SA02009NY

Date of Amendment: November 16, 2005

*Limitations and Conditions* (Continued):

2. Configuration 2: The following equipment is required:
  - PZL Engine Model ASz-621R-M18 engine, with Hamilton Standard Model 23E-50 propeller with 6477 A-O blades.
  - Baron STOL kit installed in accordance with STC SA00287NY dated March 10, 1995.
  - International Aeroproducts model 8100 floats installed in accordance with STC SA01995NY, dated September 8, 2004.
3. Configuration 3: The following equipment is required:
  - Pratt & Whitney Canada, Model PT6A-34 or PT64-34 AG engine, with Hartzell Propeller Model HC-B3TN-3DY/T10282 +4 installed in accordance with STC SA3777NM, amended May 15, 2003.
  - Baron STOL kit installed in accordance with STC SA00287NY dated March 10, 1995.
  - American Aeromotive, Inc. Service Letter No. AAI-DHC-3-02-02, installation of Forward Fuselage Strengthening kit, Rev. IR, dated April 10, 2002.
4. Viking Air Limited Flight Manual Supplement BDL00004-FMS, Rev. E, Transport Canada approved February 1, 2007 is required for Configurations 1 and 2.
5. Viking Air Limited Flight Manual Supplement, Report No. 030692, Rev. D, Transport Canada approved February 1, 2007 is required for Configuration 3.
6. Tag Aerospace Report 037002-MMS, Maintenance Manual Supplement, Rev. A, dated May 4, 2007, is required with Configurations 1, 2 and 3.
7. Replacement of new wing struts and fittings in accordance with Section 7 of Tag Aerospace Report 037002-MMS, Maintenance Manual Supplement, Rev. A, dated May 4, 2007 is required with Configurations 1, 2 and 3.
8. Wing struts and fittings identified in Section 7 of Tag Aerospace Report 037002-MMS, Maintenance Manual Supplement, Rev. A, dated May 4, 2007 are life limited parts and must be replaced after the maximum flight hours stated or maximum months stated from initial installation, whichever occurs first.
9. The installer must determine whether this design change is compatible with previously approved modifications.
10. 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.
11. **Certification Basis:**

Configurations 1 and 2:

CAR part 3, as Amended to November 1, 1949 and ICAO Annex 8, Second Edition, March 1951.

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(Continuation Sheet)

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Date of Amendment: November 16, 2005

*Limitations and Conditions* (Continued):

Configuration 3:

CAR part 3, as Amended to November 1, 1949 and ICAO Annex 8, Second Edition, March 1951 plus FAR 23, including Amendment 23-31 for the following sections:

23.45	23.49	23.51	23.65	23.75	23.77
23.251	23.253	23.301 thru 23.307	23.335	23.361	23.363
23.371	23.572	23.601 thru 23.605	23.609 thru 23.627	23.629 (e) (f)	23.641
23.901	23.903	23.905	23.907	23.925	23.929
23.933	23.937	23.939	23.943	23.951	23.954
23.955	23.957	23.959	23.961	23.977	23.991
23.997	23.1013	23.1017	23.1019	23.1027	23.1041
23.1045	23.1091	23.1093	23.1103	23.1111	23.1121
23.1123	23.1141	23.1143	23.1145	23.1153	23.1155
23.1163	23.1165	23.1182	23.1183	23.1189	23.1191
23.1193	23.1301	23.1303	23.1307	23.1309	23.1321
23.1322	23.1323	23.1331	23.1337	23.1351	23.1353
23.1357	23.1416	23.1419	23.1461	23.1501	23.1505
23.1521	23.1527	23.1529	23.1545	23.1549	23.1557
23.1583	23.1585	23.1589			

FAR 23, including Amendment 23-55 for the following sections:  
23.251 thru 23.531 and 23.575

Special Federal Aviation Regulation 27 as amended by 27-1 and 27-2.

FAR Part 36, section 36.5014 Appendix G.

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