

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

Number SA02735NY

This certificate issued to Harbour Air Ltd.
4760 Inglis Drive
Richmond, British Columbia
Canada V7B 1W4

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 3 of the Civil Air Regulations.

Original Product -- Type Certificate

Number: A-815

Make: DeHavilland

Model: DHC-3

Description of Type Design Change:

Harbour Air 9000 Lbs Maximum Gross Weight Modification to be installed in accordance with Harbour Air Ltd Master Drawing List D308-MDL, Revision NI, dated October 15, 2007, Transport Canada approved October 16, 2007, or later Transport Canada approved revision.

Limitations and Conditions:

1. Operation must be in accordance with Harbour Air Ltd. Airplane Flight Manual Supplement BDL0510-FMS, Revision NI, dated October 16, 2007, Transport Canada approved October 16, 2007, or later Transport Canada approved revision.
2. Maintenance must be in accordance with Harbour Air Ltd. Instructions for Continued Airworthiness BDL0510-ICA, Revision NI, dated August 29, 2007, Transport Canada approved October 12, 2007, or later Transport Canada accepted revision.

(See Continuation Sheet 2 of 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: September 18, 2008

Date reissued:

Date of issuance: September 23, 2009

Date amended:



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.

Supplemental Type Certificate

(Continuation Sheet)

IMPORT

Number SA02735NY

Date of Issuance: September 23, 2009

Limitations and Conditions: (Continued)

3. This modification applies only to the seaplane configuration of the DHC-3 model aircraft. Operations on wheels, wheel/skis or amphibious floats are restricted to the weights indicated in the DeHavilland DHC-3 flight manual PSM 1-3-1.
4. In addition to the modifications described in drawing package D305-DP, Revision NI, the following additional modifications are required for seaplane operations above 7967 Lbs maximum gross weight:
 - a) Pratt and Whitney Canada PT6A 135A, -34 or -34AG with Hartzell Propeller HC-B3TN-3C/T10282+4 or equivalent installed per STC SA03777NM.
 - b) Forward Fuselage Strengthening kit manufactured and installed in accordance with American Aeromotives, Inc. Service Letter No. AAI-DHC-3-02-02, "Installation of Forward Fuselage Strengthening kit", Revision IR, dated October 4, 2002.
 - c) Stolairus Inc. STOL kit per STC SA00287NY.
 - d) Floats approved to 9000 Lbs and installed on DHC-3 in accordance with a FAA approved STC approving operations at 9000 Lbs.
5. Compliance with the Airworthiness Limitation Section of Document BDL0510-ICA Rev. NI, TCCA approved October 16, 2007, is mandatory.
6. The installer must determine whether this design change is compatible with previously approved modifications.
7. If the holder agrees to permit another person to use the certificate to alter a product, the holder must give the other person written evidence of that permission.

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 Part 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

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