

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

*Number* SA00160LA

*This Certificate issued to* IKHANA Group, Inc.  
37260 Sky Canyon Drive, Hangar 20  
Murrieta, California 92563

*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 Federal Aviation Regulations* \*Certification basis set forth in Type Certificate Data Sheet A9EA

*Original Product Type Certificate Number:* A9EA

*Make:* Viking Air Limited

*Model:* DHC-6-100, DHC-6-200, and DHC-6-300

*Description of Type Design Change:* Installation of IKHANA Aircraft Services wing box assembly, in accordance with FAA Approved R.W. Martin Inc. Master Drawing List WR6-1000, Revision N/C, dated March 20, 1996, or later FAA approved Revision.

*Limitations and Conditions:* This installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previous approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft. The approval of this modification applies to the above noted model series only. A copy of this STC must be included in the permanent records of the modified aircraft. 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.

*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:* June 20, 1994

*Date reissued:* September 7, 2000;  
February 2, 2015

*Date of issuance:* April 9, 1996

*Date amended:* December 22, 2003, June 29,  
2004



*By direction of the Administrator*

\_\_\_\_\_  
(Signature)  
Manager, Airframe Branch  
Los Angeles 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)

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INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

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**TRANSFER ENDORSEMENT**

Transfer the ownership of Supplemental Type Certificate Number \_\_\_\_\_

to *(Name of transferee)* \_\_\_\_\_

*(Address of transferee)* \_\_\_\_\_  
*(Number and street)*

\_\_\_\_\_  
*(City, State, and ZIP Code)*

from *(Name of grantor) (Print or type)* \_\_\_\_\_

*(Address of grantor)* \_\_\_\_\_  
*(Number and street)*

\_\_\_\_\_  
*(City, State, and ZIP Code)*

Extent of Authority (if licensing agreement): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Date of Transfer: \_\_\_\_\_

Signature of grantor *(In ink)*: \_\_\_\_\_

# Supplemental Type Certificate

(Continuation Sheet)

*Number* SA00160LA

*Limitations and Conditions (continued)*

1. IKHANA Aircraft Services (formerly R.W. Martin, Inc.) part numbers WR6-1002-59, -61 are approved as replacement wing box assemblies for Viking Air Limited (formerly Bombardier Inc. or DeHavilland Inc.) wing box assemblies that have incorporated DHC Modification No. 6/1117.
2. The life limit for IKHANA Aircraft Services replacement wing box assemblies for DHC-6-100 and DHC-6-200 aircraft is 49,000 hours time in service or 98,000 flights, whichever occurs first, from the time of installation. The life limit for IKHANA Aircraft Services replacement wing box assemblies for DHC-6-300 aircraft is 45,000 hours time in service or 90,000 flights, whichever occurs first, from time in service.
3. All Viking Air Limited, Bombardier Inc., and DeHavilland Inc. Service Bulletins pertaining to Viking Air Limited (formerly Bombardier Inc. or DeHavilland Inc.) wing box assemblies also pertain to IKHANA Aircraft Services wing box assemblies except as identified in the R.W. Martin Inc., Instructions for Continued Airworthiness document WR6-1000-ICA or WR6-1000-ICA/LE.
4. Any Airworthiness Directives pertaining to Viking Air Limited, Bombardier Inc., or DeHavilland Inc. also pertain to the IKHANA Aircraft Services wing box assemblies except as identified in the R.W. Martin Inc., Instructions for Continued Airworthiness document WR6-1000-ICA or WR6-1000-ICA/LE.
5. IKHANA Aircraft Services wing box assemblies must be installed in accordance with Viking Air Limited Service Bulletin No. 6/362.
6. The following Instructions for Continued Airworthiness apply:
  - IKHANA Aircraft Services replacement wing boxes installed on DHC-6-100 and DHC-6-200 aircraft are to be maintained in accordance with R.W. Martin Drawing No. WR6-1000-ICA.
  - IKHANA Aircraft Services replacement wing boxes with 33,000 hours or 66,000 cycles or less installed on DHC-6-300 aircraft are to be maintained in accordance with R.W. Martin, Inc. Drawing No. WR6-1000-ICA.
  - IKHANA Aircraft Services replacement wing boxes with greater than 33,000 hours or 66,000 cycles installed on DHC-6-300 aircraft are to be maintained in accordance with R.W. Martin, Inc. Drawing No. WR6-1000-ICA/LE.

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