

STC Book

United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SA3861NM

This certificate, issued to **Aero Air, LLC**
2050 NE 25th Avenue
Hillsboro, OR 97124

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: 2A4
Make: Twin Commander
Model: 690A, 690B, 690C

Description of the Type Design Change: Installation of two Hartzell HC-B3TN-5FL/LT10876ANSB-2Q propellers on the above Twin Commander airplanes equipped, with two AiResearch Model TPE331-5-254K or two Model TPE331-10T-511K, -512K, -513K, -515K, or -516K engines in accordance with a FAA sealed copy of Aero Air, Inc., Master Drawing List No. AAI-100, Revision B, dated May 23, 1999, or later FAA approved revision.

Limitations and Conditions: Approval of this change in type design applies to the above Model aircraft only. This approval should not be extended to other aircraft of these models on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. Airplanes equipped with this modification must be operated in accordance with FAA Approved Airplane Flight Manual/Pilot's Operating Handbook Supplement, dated June 17, 1999, or later FAA approved revision. A copy of this Certificate, Continuation Sheet, and Airplane Flight Manual/Pilot's Operating Handbook Supplement must be maintained as part of the permanent records for the modified aircraft.

(See Continuation Sheet - Page 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.

Date of application: November 14, 1986

Date reissued: September 25, 1998

Date of issuance: July 29, 1987

Date amended: 02/20/97; 09/25/98; 6/17/99



By direction of the Administrator

Richard E. Barnett
(Signature)

for Acting Manager, Seattle 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.

This certificate may be transferred in accordance with FAR 21.47.

United States of America
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Supplemental Type Certificate
(Continuation Sheet)

Number SA3861NM

Aero Air, LLC

Amended: 02/20/97; 09/25/98; 6/17/99

Reissued: 09/25/98

Limitations and Conditions continued:

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.

NOISE LEVEL

The noise level of this aircraft with these propellers is less than that of the original airplane.

No determination has been made by the Federal Aviation Administration that the noise levels of this airplane are or should be acceptable or unacceptable for operation at, into, or out of, any airport.

The above statement notwithstanding, the relative noise level of the modified aircraft has been verified by and approved by the Federal Aviation Administration in noise level tests.

-END-

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.