

Supplemental Type Certificate

Number SA1184NW

This certificate, issued to: Pacific Propeller International LLC
 5802 South 228th Street
 Kent, WA 98032-1810
 and
 Aero Air, Inc.
 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,

dated May 15, 1956, and amendments 3-2, 3-3, 3-4, and 3-6.

Original Product —Type Certificate Number: 2A4
Make: Rockwell Commander
Model: 680V, 680W, and 681

Description of the Type Design Change: Installation of Hartzell HC-B3TN-5/T10178E-13Q propellers on AiResearch Model TPE-331-43 series engines in accordance with Pacific Propeller, Inc. Master Drawing List 76026.

Limitations and Conditions: Approval of this change in type design applies basically to the above model aircraft only. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the interrelationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate, Addendum No. SA1184NW, and FAA Approved Airplane Flight Manual Supplement, shall be maintained as part of the permanent records for 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. (See Continuation Sheet, Page 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: December 8, 1980

Date reissued: March 25, 2004

Date of issuance: February 17, 1981

Date amended: March 25, 2004; June 30, 2005



By direction of the Administrator

 (Signature)
 Acting Manager, Seattle Aircraft
 Certification Office

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

 (Title)

Supplemental Type Certificate (Continuation Sheet)

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SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA1184NW

Reissued: March 25, 2004

Amended: June 30, 2005

Limitations and Conditions(Cont'd): The Conditions and Limitations of Type Certificate Data Sheet No. 2A4 apply except where superseded by the following:

This Supplemental Type Certificate Data Sheet, which is part of STC SA1184NW, prescribes the conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of the Civil Air Regulations.

ROCKWELL COMMANDER MODELS 680V, 680W, AND 681(NORMAL CATEGORY) AS MODIFIED BY STC SA1184NW

Engines:	AiResearch TPE-331-43, -43A, and -43BL
Engine Limits:	Takeoff: 575 Hp Maximum Continuous: 500 Hp
Propellers and Propeller Limits:	Hartzell HC-B3TN-5/T10178E-13Q Takeoff: 800 Hp @ 2200 rpm, or; 1000 Hp @ 2000 rpm
	Blade Angles: Reverse 8.7° @ 30" radius Flight 8.0° @ 30" radius Feather 86.5° @ 30" radiu

- END -

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.