

Supplemental Type Certificate

Number SA99NW

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

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 * of the Civil Air Regulations,

* 8-10 (9a)(1) and CAM 8, Appendix B, as amended March 19, 1957.

Original Product —Type Certificate Number: 1A16

Make: Grumman (Ag-Cat)

Model: G-164A

Description of the Type Design Change: Installation of Efficiency Aircraft Components, Inc. propeller blades and Hamilton Standard hubs on G-164 series aircraft as follows:

1. E.A.C. AG-100-2 and AG-100-4S propeller blades in H.S.P. 3D40 hub with H.S. 4M12-1 governor in accordance with Installation Instructions No. E.A.C. 600 and 1015 respectively.
2. E.A.C. AG-200-2 propeller blades in H.S.P. 23D40-401 hub with H.S. 4K11-1 governor in accordance with Installation Instructions No. E.A.C. 700.

Limitations and Conditions: Data is suitable for reproduction and installation in all Grumman Model G-164A Series, Serial Nos. 526 and up. 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. SA99NW, STC SP7WE dated July 6, 1973, and Installation Instructions E.A.C. No. 600, 1015, and 700 shall 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: March 4, 1974

Date reissued: 5/9/75; 3/25/04

Date of issuance: March 29, 1974

Date amended: 4/24/79; 3/25/04; 6/30/05



By direction of the Administrator

(Signature)

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.

Supplemental Type Certificate (Continuation Sheet)

Pacific Propeller International LLC
5802 South 228th Street
Kent, WA 98032-1810

Number SA99NW

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA99NW

Reissued: 3/25/04
Amended: 6/30/05

Limitations and Conditions(Cont'd):

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.

The Conditions and Limitations of Type Certificate Data Sheet No1A16 apply except where superseded by the following:

This Supplemental Type Certificate Data Sheet, which is part of STC SA99NW, prescribes the conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of the Federal Aviation Administration.

Grumman G-164A 1 POLB (RESTRICTED AGRICULTURAL CATEGORY) AS MODIFIED BY STC SA99NW.

Engine:	Pratt & Whitney R-1340-AN-1, S1H1 and S3H1
Engine Limits:	Same as specified in the Type Certificate Data Sheet
Propeller	Hamilton Standard 3D40 Hub, AG-100-2 blades Hamilton Standard 23D40 Hub, AG-200-2 blades Hamilton Standard 3D40 Hub, AG-200-4S blades
Propeller Limits:	Maximum Diameter 106" (2% cut off permitted) RPM: 2300 H.P. 600 hp Pitch Setting: 8° Low; 18°; High Governors: H.S. 4M12-1 H.S. 4K11-1

- 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.