

Department of Transportation Federal Aviation Administration

## Supplemental Type Certificate

*Number* SA436NW

*This certificate, issued to:* **Pacific Propeller International LLC**  
**5802 South 228<sup>th</sup> 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 8.10 of the Civil Air*

*Regulations, effective October 11, 1950.*

*Original Product—Type Certificate Number:* 1A16  
*Make:* Grumman  
*Model:* G-164A, G-164B

*Description of the Type Design Change:* Installation of EAC-2D30-425/AG-100-4S propeller assembly on Grumman American Models G-164A and G-164B aircraft in accordance with Pacific Propeller, Inc., Master Drawing List No. 76011, dated April 4, 1977.

*Limitations and Conditions* The approval of the 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 will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate, Addendum No. SA436NW, and E.A.C. Installation Instruction No. 76011 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 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 19, 1976

*Date reissued:* March 25, 2004

*Date of issuance:* April 13, 1977

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



*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.*

United States of America  
Department of Transportation Federal Aviation Administration  
**Supplemental Type Certificate**  
**(Continuation Sheet)**

**Pacific Propeller International LLC**  
**5802 South 228<sup>th</sup> Street**  
**Kent, WA 98032-1810**

*Number* **SA436NW**

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA436NW

Reissued: 3/25/04  
Amended: 3/25/04

*Limitations and Conditions (Cont'd):* The Conditions and Limitations of Type Certificate Data Sheet No. 1A16 apply except where superseded by the following:

This Supplemental Type Certificate Data Sheet, which is part of STC SA436NW, 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 MODELS G-164A AND G-164B, 1 POLB (RESTRICTED AGRICULTURAL CATEGORY) AS MODIFIED BY STC SA436NW.

Engine:	Pratt & Whitney 450 HP R-985-AN series engine
Engine Limits:	Same as specified in Data Sheet
Propeller:	Hamilton Standard 2D30-425 hub; AG-100-4S blades
Propeller Limits:	Maximum Diameter – 104" (2% cut off permitted) Maximum RPM – 2300 Maximum HP – 600 Pitch Settings: 9.5° Low @ 42" radius 16.5° High @ 42" radius
Governor:	Hamilton Standard Part No. 1A2 or 4A2 with Grumman Control Arm Assembly No A-1603.

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