

# Supplemental Type Certificate

## Number SA465NW

**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 3 of the Civil Air Regulations,**

effective May 15, 1956, with amendments 3-1 through 3-8.

**Original Product —Type Certificate Number:** A3SW

**Make:** Rockwell Commander

**Model:** 600 S-2D and S-2R

**Description of the Type Design Change:** Installation of Pacific Propeller, Inc. EAC-12D40-425/AG-100-4S and 22D40-503/AG-200-4S propellers, governors, and associated systems on Pratt & Whitney R-1340 engine series in accordance with FAA sealed Pacific Propeller Installation Instructions No. E.A.C. No. 1011 (EAC-12D40-425/AG-100-4S) and No. 1013 (EAC-22D40-503/AG-200-4S).

**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 and Addendum No. SA465NW, 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, 1977

**Date reissued:** March 25, 2004

**Date of issuance:** June 13, 1977

**Date amended:** 2/7/80; 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 228<sup>th</sup> Street  
Kent, WA 98032-1810

## Number SA465NW

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA465NW

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

**Limitations and Conditions (Cont'd):** The Conditions and Limitations of Type Certificate Data Sheet No. A3SW apply except where superseded by the following:

This Supplemental Type Certificate Data Sheet, which is part of STC SA465NW, prescribes the conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of the Federal Aviation Administration.

MODELS 600 S-2D AND S-2R (NORMAL CATEGORY ONLY) AS MODIFIED BY STC SA465NW

- |                                    |  |                                     |           |
|------------------------------------|--|-------------------------------------|-----------|
| Engine:                            | Pratt & Whitney R-1340-AN-1, S1H1 and S3H1           |                                     |           |
| Engine Limits:                     | Same as specified in the Type Certificate Data Sheet |                                     |           |
| Propeller and<br>Propeller Limits: | 1. Hamilton Standard 12D40-425/AG-100-4S             |                                     |           |
|                                    | Diameter:  | 104" maximum (2% cut off permitted) |           |
|                                    | RPM:   | 2250 @ 36" Hg (sea level) maximum   |           |
|                                    | H.P.   | 600 hp                              |           |
|                                    | Pitch Setting:                                       | 11° Low; 20° High at 42" radius     | Governor: |
|                                    |  | HS 4M12                             |           |
|                                    |  | HS 1M12                             |           |
|                                    | 2. Hamilton Standard 22D40-503/AG-200-4S             |                                     |           |
|                                    | Diameter:  | 104" (2% cut off permitted)         |           |
|                                    | RPM:   | 2250 @ 36" Hg (sea level) maximum   |           |
|                                    | H.P.   | 600 hp                              |           |
|                                    | Pitch Setting:                                       | 10.5° Low; 35° High at 42" radius   | Governor: |
|                                    |  | 4G10-21                             |           |

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