

# Supplemental Type Certificate

## Number SA2385NM

**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 Parts 21.25 and 23 of the Federal Aviation Regulations.**

**Original Product—Type Certificate Number:** A9SW  
**Make:** Air Tractor  
**Model:** AT-301

**Description of the Type Design Change:** Installation of Pacific Propeller, Inc. 22D40/AG200-2 and 12D40/AG100-2 propellers, governors, and associated systems on Pratt & Whitney R-1340 series engines in accordance with FAA sealed Pacific Propeller, Inc. Installation Instructions No. 8006 and 8007, respectively.

**Limitations and Conditions:** The approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft of this model on which other previously approved modifications, including changes in type design are incorporated, unless it is determined that the interrelationship between this change and any other previously approved modifications will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate, Addendum No. SA2385NM, and Pacific Propeller Installation Instructions Nos. 8006 and 8007 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:** February 3, 1984

**Date reissued:** March 25, 2004

**Date of issuance:** June 4, 1984

**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.*

# Supplemental Type Certificate

## (Continuation Sheet)

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

### Number SA2385NM

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA2385NM

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

**Limitations and Conditions (Cont'd):** The Conditions and Limitations of Type Certificate Data Sheet No. A9SW apply except where superseded by the following:

This Supplemental Type Certificate Data Sheet, which is part of STC SA2385NM, prescribes the conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of the Federal Aviation Administration.

AIR TRACTOR MODEL AT-301 1 PCLM (RESTRICTED CATEGORY) AS MODIFIED BY STC SA2385NM.

Engine:	Pratt & Whitney R-1340-AN-1, S1H1 and S3H1	
Engine Limits:	Same as specified in Data Sheet A9SW	
Propeller and Propeller Limits:	1. Hamilton Standard	22D40/AG200-2
	Diameter	106" (2% cut off permitted)
	RPM:	2250 @ 36 in. Hg. (sea level)
	H.P.	600
	Pitch Setting:	12° Low; 35° High @ 42" sta.
	Governor:	4G10-21
	2. Hamilton Standard	12D40/AG100-2
	Diameter	106" (2% cut off permitted)
	RPM:	2250 @ 36 in. Hg. (sea level)
	H.P.	600
	Pitch Setting:	12° Low; 26° High @ 42" sta.
	Governor:	1M12 or 4M12

- 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.*