

# Supplemental Type Certificate

*Number* SA00275SE

*This certificate, issued to*

**Cub Crafters, Inc.  
1918 South 16th Avenue  
Yakima, WA 98903-1212**

*certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 3 of the Civil Aviation Regulations.*

<i>Original Product—Type Certificate Number:</i>	1A2
<i>Make:</i>	Piper
<i>Model:</i>	PA-18, PA-18S, PA-18 "105," PA-18S "105," PA-18A, PA-18 "125," PA-18S "125," PA-18 "135," PA-18S "135," PA-18A "135," PA-18AS "135," PA-18 "150," PA-18A "150," PA-18S "150," PA-18AS "150," PA-19, PA-19S

*Description of the Type Design Change:* Fabrication and installation of vortex generators mounted on the wings and a tail strake mounted on either side of the empennage in accordance with a Federal Aviation Administration (FAA) approved copy of Cub Crafters, Inc. Master Drawing List No. CR122900, Revision A, October 28, 2002, or later FAA-approved revision.

*Limitations and Conditions:* Approval of this change in type design applies to the standard Landplane, Floatplane, and Skiplane configurations of the airplane models listed above only. This approval should not be extended to other aircraft on which other previously approved modifications are incorporated unless it is determined that the relationship 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 must be maintained as part of the permanent records for the modified aircraft.

The Cub Crafters, Inc. modification consists of seventy-two (72) vortex generators mounted on the wings and two (2) tail strakes mounted on either side of the empennage. If more than six (6) vortex generators are missing or damaged, or if a tail strake is missing or damaged, the aircraft is not airworthy and must be repaired before flight.

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.

*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:* July 5, 1994

*Date reissued:* 3/6/98; 5/27/99; 6/30/99; 1/26/12

*Date of issuance:* January 5, 1996

*Date amended:* August 14, 1998; December 6, 2002

*By direction of the Administrator*



(Signature)

Acting Manager, Seattle Aircraft Certification Office

(Title)

