

Supplemental Type Certificate

Number SA4180NM

This Certificate issued to Turboplus Aircraft Systems, Inc.
4117 35th Ave. NW
Gig Harbor, WA 98335

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 23 of the Federal Aviation Regulations

Original Product Type Certificate Number: A7SO

Make: Piper

Model: PA34-200T and PA-34-220T

Description of Type Design Change: Installation of an ACD Corporation Model 100,000 intercooler/induction system on a Continental TSIO-360 series engine-turbocharger compressor (Rayjay) system in accordance with ACD Corporation Installation Instructions Drawing No. 100,000, dated February 22, 1988, or later FAA approved revision.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft of these models on which other previously approved modifications are incorporated unless it is determined by the installer 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, and FAA Approved Airplane Flight Manual Supplement, must 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 17, 1987

Date reissued: 10/25/00; 8/25/05; 10/15/07;
2/24/2017

Date of issuance: March 30, 1988

Date amended: October 25, 2000



By direction of the Administrator

[Signature]
(Signature)

Manager, Technical and Administrative
Support Staff

(Title)

Supplemental Type Certificate

(Continuation Sheet)

Number SA4180NM

Allied Eagles, LLC (Nevada LLC8556-2001)

Reissued: 10/25/00; 8/25/05; 10/15/07

Amended: 10/25/00

Limitations and Conditions: (cont'd)

The conditions and limitations of Type Certificate Data Sheet No. A7SO apply except where superseded by the following:

MODEL PA-34-200T AND 220T (SENECA II AND III 7 PCLM (NORMAL CATEGORY) AS MODIFIED BY STC SA4180NM.

PLACARD: AFFIX THE FOLLOWING PLACARD DIRECTLY TO THE MODEL ACD 100,000-1 INTERCOOLER:

<u>ACD CORPORATION</u>	
FAA-PMA	_____
P/N	_____
S/N	_____
ELIGIBLE: PA-34-200T, PA-34-220T	

-END-

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.