

United States of America
Department of Transportation Federal Aviation Administration
Supplemental Type Certificate

Number SA2144NM

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 therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.

Original Product Type Certificate Number: 2A13
Make: Piper
Model: PA-28-201T, PA-28R-201T and PA-28RT-201T

Description of the Type Design Change: Installation of a modified air induction system to the Continental TSIO-360 engine turbocharger compressor (Rayjay) system in accordance with Turboplus, Inc., Installation Instructions and Assembly Drawing No. PA28-8000, dated March 6, 1984, or later FAA approved revisions.

NOTE: This installation incorporates NASA submerged inlet; new filter and inlet plenum within pressure operated alternate air door and associated hardware as illustrated in PA28-8000.

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 Model List, 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: September 12, 1983

Date reissued: 3/19/86; 10/30/87; 10/25/00; 8/25/05
10/15/07; 02/24/17

Date of issuance: October 13, 1993

Date amended: 3/19/86; 10/25/00



By direction of the Administrator

[Signature]

(Signature)
Manager, Technical and Administrative Support Staff,
Los Angeles 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.

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

Number SA2144NM

Allied Eagles, LLC (Nevada LLC8556-2001)
Reissued: 3/19/86; 10/30/87; 10/25/00; 8/25/05; 10/15/07
Amended: 3/19/86; 10/25/00

Limitations and Conditions: (cont'd)

The conditions and limitations of Type Certificate Data Sheet E9CE apply except where superseded by the following:

MODEL PA-28-201T, PA-28RT-201T AND PA-28RT-201T (TURBO ARROW III & IV), 4PCLM (NORMAL CATEGORY) AS MODIFIED BY STC SA2144NM

PLACARD: Affix the following placard directly below throttle quadrant:

1.

Alternate Air Automatic

2.

Manual Alt., Air Inop.

-END-