

United States Of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Project Number SA8370SC-A, ASW-190/WKV

Number SA2969SW

This Certificate issued to RAM Aircraft, Limited Partnership
7505 Karl May Drive
Waco, TX 76708

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-28-151

Description of Type Design Change: Installation of a 160 hp Lycoming O-320-D2A, -D2B, -D2C, -D3G, -E2A, or -E3D engines on a Piper Model PA-28-151 in accordance with RAM Aircraft Drawing No. R16101, Revision E, dated October 11, 2005, or later FAA approved revision. FAA approved Airplane Flight Manual Supplement 1085, Revision A, dated November 14, 2006, or later FAA approved revision is required.

Limitations and Conditions: To be eligible for installation, the Lycoming O-320-E2A and O-320- E3D engines must be modified per STC SE8987SW. Instructions for Continued Airworthiness are contained in RAM Drawing Number 2662 dated December 12, 2005. The installer must determine whether this design change is compatible with previously approved modifications. If the holder agrees to permit another person to use this certificate to alter a product, the holder must 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 : March 15, 1979

Date reissued : 10/8/01; 9/20/02

Date of issuance : April 5, 1979

Date amended : 4/24/80; 10/21/81; 11/19/97;
11/14/06, Rev. 4



By direction of the Administrator

(Signature)

S. Frances Cox, Manager
Special Certification Office,
Southwest Region

(Title)

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