

United States Of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Project Number SA8369SC-A, ASW-190/WKV

Number SA2706SW

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-28-140

Description of Type Design Change: Installation of 160 H. P. Textron Lycoming O-320-D2A, -D2B, -D2C, -D3G, E2A, or -E3D engines on a Piper Model PA-28-140 in accordance with RAM Aircraft Drawing No. R14001D, Revision H, dated September 26, 2005, or later FAA approved revision. FAA approved Airplane Flight Manual Supplement No. 1084, Revision B, dated November 14, 2006, or later FAA approved revision is required.

Limitations and Conditions: To be eligible for installation, Lycoming O-320-E2A and O-320-E3D engine 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 : January 3, 1978

Date reissued : October 8, 2001

Date of issuance : January 20, 1978

Date amended : 9/28/81; 10/21/81; 1/17/97;
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.