

United States Of America
Department of Transportation - Federal Aviation
Administration

Supplemental Type Certificate Number SE8987SW

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 13 of the Civil Air Regulations.

Original Product Type E-274
Certificate Number :
Make : AVCO Lycoming Division of Textron, Inc.
Model : O-320-E2D, O-320-E2A

Description of Type Design Change: Modify engine O-320-E3D in accordance with RAM Aircraft Drawing No. 1724, Rev. C, dated April 17, 2006, or later FAA approved revision to increase take off power rating from 150HP to 160HP. Modify O-320-E2A engine in accordance with RAM Aircraft Drawing No. 1724, Rev. C, dated April 17, 2006, or later FAA approved revision to increase take off and maximum continuous power rating from 150HP to 160HP.

Limitations and Conditions: Minimum fuel grade is 100/100LL. Lycoming model O-320-E2A not certified with gravity flow fuel system. 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 25, 1994

Date reissued : October 8, 2001

Date of issuance : October 27, 1994

Date amended : June 26, 2006, Rev. 1

By direction of the Administrator



(Signature)

S. Frances Cox, Manager
Special Certification Office,
Rotorcraft Directorate

(Title)