

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

Number SE02589AT

This certificate issued to

Air Repair, Inc.
920 Airport Service Road
Cleveland, MS 38732

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified herein meets the airworthiness requirements of Part 13 of the Civil Air Regulations.

Original Product - Type Certificate Number: E-273

Make: Jacobs

Model: R755A2, R755B2

Description of Type Design Change:

Installation of Air Repair, Inc. magneto part numbers VMN7-DF5-ARMOD with automatic advance in accordance with Air Repair, Inc. Installation Instructions, document number 1200C, dated September 5, 2002, or other FAA approved revision. The VMN7-DF5-ARMOD magnetos are obtained from Bendix VMN7-DF5 or VMN7-DFA magnetos modified in accordance with Air Repair, Inc. Service Instructions, document number 1200A, dated September 5, 2002, or other FAA approved revision.

Limitations and Conditions:

1) This approval should not be extended to other engine models on which other previously approved modifications are incorporated unless it is first determined that the interrelationship between these various modifications will have no adverse effect on the airworthiness of these engines. 2) 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.

Permission for use with Jacobs R755 A2M s/n 12318 only.

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: February 28, 2001

Date issued:

Date of issuance: December 06, 2002

Date amended:



By direction of the Administrator

Curtis A. Jackson
(Signature)

Curtis A. Jackson
Associate Manager
Atlanta 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

Number SE572SW

This Certificate issued to Air Repair, Inc.
920 Airport Service Road
Cleveland, Mississippi 38732

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 Certificate Number : 237, 121, 195

Make : Jacobs

Model : R-755A, R-755B Series; L4, L4M, L4MB, L6;
L6M, L6MA

Description of Type Design Change. Installation of Jacobs-RAS325A Exhaust Valve Rotocaps according to Service Instruction No. 58B dated May 27, 1969, and subsequent FAA approved revisions.

Limitations and Conditions. RAS325A Exhaust Valve Rotocaps are restricted to 1000 hours service life; except when installed in engines used in Restricted Category airplane, see information in Service Instruction No. 58B. Compatibility of this modification with other previously approved modifications must be determined by the installer. 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.

Permission for use with R755-A2M s/n 12318 only.

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 : December 7, 1965

Date of issuance : December 7, 1965

Date reissued : Oct. 17, 1966; Jan. 12, 1967, Apr. 17, 1967; May 27, 1969, Jan. 1, 1973; May 24, 1977; Oct. 27, 1980 Rev. 7; Dec. 15, 1993, Nov. 8, 1999

Date amended :

By direction of the Administrator

Michael A. Murphy
(Signature)

Manager, Technical & 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

Number SE04135AT

This certificate issued to Air Repair, Inc
920 Airport Service Road
Cleveland, Mississippi 38732

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified herein meets the airworthiness requirements of Part 13 of the Federal Aviation Regulations.

Original Product: Type Certificate Number: *See attached FAA Approved Model List (AML) in Air Repair Document Number: AR2800-05 Rev. None or later
Make: FAA approved for list of approved airplane models and applicable airworthiness regulations.
Model:

Description of Type Design Change: Supplemental Type Certificate for installation of Bendix VMN7-DF5 series magneto modified to accommodate modern sealed ball bearings AR2801 and AR2802 as specified by Air Repair AR2800 Rev IR Modification Instructions. The magneto P/N 10-1890Z Front Plate 3-Bolt Flange is modified in accordance with AR10-1890Z drawing. The magneto P/N 10-7198Y Front Plate 2-Bolt Flange is modified in accordance with AR10-7198Y drawing. The magneto P/N 10-2483W Main Housing is modified in accordance with AR10-2483W drawing or later FAA approved drawing revisions.

Limitations and Conditions: 1) This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. 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.
2) Instructions for Continued Airworthiness (ICA) document AR2800A-04 ICA as listed on AML in Air Repair Document Number AR2800-05 Rev. None must be made available to the operator at the time of installation.
3) Additional Limitations and Conditions are listed on AML Number

Permission for use with Jacobs R755-A2M s/n 12318 only.
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

Date of application: September 11, 2011

Date reissued:

Date of issuance: November 25, 2013

Date amended:

Federal Aviation Administration.

By direction of the Administrator



[Signature]
(Signature)

Melvin D. Taylor
Manager,
Atlanta Aircraft Certification Office

(Title)