

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

*Number*    **SE01288WI**

*This certificate issued to:*

Radial Engines, LTD  
602 E. Renner Field Rd.  
P. O. Box 736  
Goodland, KS 67735

*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 the Civil Aviation Regulations.*    (See E-237 Revision 11.)

*Original Product - Type Certificate Number:*    E-237

*Make:*    Jacobs

*Model:*    R-755A2, R-755A2M and R-755B2, R-755B2M

*Description of Type Design Change:*

Modification of Engines to replace carburetor with fuel injection. Data required: (1) Butterfly Aviation Master Drawing List Report BA1001-11, Revision (IR), dated October 28, 2004; and (2) Butterfly Aviation Instructions for Continued Airworthiness Report BA1001-8, Revision (IR), dated October 26, 2004; or later FAA Approved revisions to (1) or (2).

*Limitations and Conditions:*

Limited to Aviation Grade Gasoline Grade 80 or higher in accordance with ASTM Specification D 910 or equivalent. Automotive gasoline is not approved for engines modified to this design change. Compatibility of this design change with 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.

*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:*    May 6, 2003

*Date reissued:*    November 23, 2004

*Date of issuance:* November 10, 2004

*Date amended:*



*By direction of the Administrator*

Original signed by Eual M. Conditt, Jr.

*(Signature)*

Eual M. Conditt, Jr.  
Associate ACO Manager, Airframe and Services  
Wichita Aircraft Certification Office

*(Title)*