

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

Number SE524CH

This certificate issued to

Champion Aerospace LLC
1230 Old Norris Road
Liberty, SC 29657

*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 * of the * Regulations.*

Original Product--Type Certificate Number: * *See attached FAA Approved Model List (AML) No.

Make: * SE524CH for list of approved engine models and

Model: * applicable airworthiness regulations

Description of Type Design Change:

Replace Slick 4000, 4100, 4200, and 4300 series magnetos and TCM/Bendix S-20, S-200, and S-1200 series magnetos with the Champion Limited Authority Spark Advance Regulator (LASAR™) in accordance with Unison Service letter SL1-96 dated November 15, 1996, revision B and Approved Parts Matrix APM 1-96, dated January 3, 1997, revision F, or later FAA approved revisions.

Limitations and Conditions:

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. LASAR™ can only be installed as a complete system. Existing magnetos must be removed from the engine prior to conversion.
3. A copy of this Certificate and AML SE524CH dated July 31, 1996, or later FAA approved revision must be maintained as part of the permanent records of the modified aircraft.
4. 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: November 7, 1995

Date reissued: February 10, 2009

Date of issuance: July 31, 1996

Date amended: September 20, 1996,
November 8, 1996, January 24, 1997, June 17, 1997

By direction of the Administrator



(Signature)

Thaddeus D. Krolicki, Jr.
Manager, Propulsion Branch
Chicago 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
(Continuation Sheet)

Number