

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

Number SE00768CH

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

Make: *(AML) No. SE00768CH for list of approved engine

Model: *models and applicable airworthiness regulations

Description of Type Design Change:

Replace Slick 6000, 6100, 6200 and 6300 series magnetos and TCM/Bendix S6-20, S6-200 and S6-1200 series magnetos with the Champion Limited Authority Spark Advance Regulator (LASAR™) ignition system in accordance with Unison Service Letter SL1-96 dated August 28, 2001, Revision G and Approved Parts Matrix included in SL1-96, 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. Operation of LASAR™ system equipped engines requires a minimum grade of 100 Octane Av-Gas.
4. A copy of this Certificate and AML No. SE00768CH dated October 21, 1997 or later FAA approved revision must be maintained as part of the permanent records for the modified aircraft.
5. 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: February 28, 1997

Date reissued: February 10, 2009

Date of issuance: October 21, 1997

Date amended: September 11, 2001



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.