

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

*Number* SE916GL

*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 13 of the Civil Air Regulations.*

(See Type Certificate Data Sheet 1E10 for the complete certification basis).

*Original Product - Type Certificate Number:* 1E10

*Make:* AVCO Lycoming

*Model:* IO-360-A1B, -A1B6, -A1D6, -A2B, -B1E, -B1F, -B1F6, -B2E,  
-B2F, -B2F6, -B4A, -C1C, -C1C6, -C1D6, -C1E6, -C1F, -F1A  
AIO-360-A1B, -A2B, -B1B  
AEIO-360-A1B, -A2B, -A1B6, -A1E, -B1F, -B2F, -B1F6, -B2F6,  
-B4A

*Description of Type Design Change:*

Replacement of Bendix Model S4LN-20, -21, -1209, or -1227 magnetos with Slick Model 4250 and 4251 magnetos in accordance with Slick Service Letter SL 4-85, "Conversion from Bendix to Slick Magnetos", dated August 1, 1985, 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. The limitations and conditions shown on Type Certificate Data Sheet Number 1E10 for the AVCO Lycoming model IO-360, AIO-360, and AEIO-360 series of engines remain applicable.
3. A copy of this Certificate must be maintained as part of the permanent records for 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:* May 16, 1985

*Date reissued:* February 10, 2009

*Date of issuance:* July 11, 1985

*Date amended:*



*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.