

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

Number SA00192LA

This Certificate issued to MOTH AIRCRAFT COMPANY
21807 South Embassy Avenue
Long Beach, CA 90810-1738

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 21.29 of the 14 CFR Regulations.

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

Make: *SA00192LA for a list of approved models and

Model: *Applicable airworthiness regulations.

Description of Type Design Change: This approval authorizes replacement of BTH AG4 impulse and nonimpulse magnetos with Slick Magnetos on Gipsy I, Gipsy II, and Gipsy III model engines and Gipsy major series 1 through 10MK2 model engines in accordance with instructions of this STC's Limitations and Conditions and AML No. SA00192LA, or later FAA approved revisions. **NOTE:** this STC is applicable to airplanes listed on the AML instead of engines since the engines and propellers were certified with the airplanes.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including change in type design, will introduce no adverse effect upon the airworthiness of that aircraft. (See Continuation Sheet)

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: March 6, 1995

Date reissued: June 16, 2015, September 21, 2015

Date of issuance: May 1, 1996

Date amended:

By direction of the Administrator



(Signature)

Manager, Propulsion Branch
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.

Supplemental Type Certificate

Continuation Sheet

Number SA00192LA

Limitations and Conditions (Continued):

A copy of this certificate and FAA Approved AML No. SA00192LA dated May, 1996, or later FAA approved revision must be maintained as part of the permanent records for the modified aircraft.

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. The weight and balance for the aircraft must be determined by the installer by weighing the removed magneto assemblies and the installed Moth Aircraft magneto assemblies. (The Moth assemblies are approximately 9 pounds lighter than the removed BTH AG4 assemblies).
3. Install Moth Aircraft Company Part Number 231 Placard on the instrument panel near the magneto switch which states: For inverted engine – “Start on Right Magneto Only”, For upright engines – “Start on Left Magneto Only”.

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