

FEDERAL AVIATION ADMINISTRATION - PARTS MANUFACTURER APPROVAL

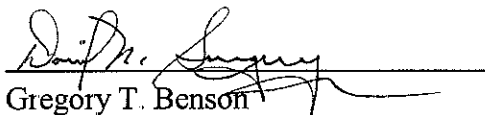
EnerSys Energy Products, Inc.
617 North Ridgeview Drive
Warrensburg, MO 64093-9301

PMA No. PQ3810CE-D
Supplement No. **R 1**
Date: July 19, 1997
Revised Date: December 6, 1999
Revised Date: July 28, 2000
Revised Date: July 21, 2004
Date: April 4, 2005

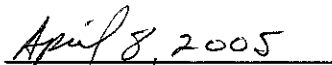
<u>Part Name</u>	<u>Part Number</u>	<u>Approved replacement for Part Number</u>	<u>Approval Basis and Approved Design Data</u>	<u>Installation Eligibility</u>	<u>Model Eligibility</u>
Sealed Lead-Acid Battery, 12V / 16 Ah	0769-4005	Modification Part 0769-4001	STC SA02138AK issued 5/5/99, Amended 10/27/99. Dan's Aircraft Repair master data list, Document No 99-01 Rev. A Dated 10/27/99 and Hawker Energy Products Dwg F0769-4005DD Rev 2 Dated 7/9/04 or later approved FAA revision	Piper	PA-18 Series PA-19 Series With STC SA02138AK installed

----- End of Listing -----

Note: Minor design changes (reference 14 CFR part 21 §§ 21.93 and 21.95) must be submitted in a manner as determined by the ACO. Major design changes (reference 14 CFR part 21 §§ 21.93 and 21.97) to drawings and specifications are to be handled in the same manner as that for an original FAA-PMA.


Gregory T. Benson

Manager
Kansas City Manufacturing Inspection District Office


Date

United States Of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number SA02138AK

This Certificate issued to Dan's Aircraft Repair, Inc. Hawker Energy Products, Inc.
1931 Merrill Field Drive 617 N. Ridgeview Drive
Anchorage, AK 99501 Warrensburg, MO 64093-9301

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 3 of the Civil Air Regulations.

Original Product Type Certificate Number: 1A2
Make: Piper
Model: PA-18 Series; PA-19 Series

Description of Type Design Change. Fabrication and Installation of a light weight battery and bracket under the pilot seat in accordance with Dan's Aircraft Repair Master Data List, Document No. DAR 99-01, Revision A, dated October 27, 1999, or later FAA approved revision

Limitations and Conditions: 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, then the holder shall give that person written evidence of such 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: December 01, 1998

Date reissued:

Date of issuance: May 05, 1999

Date amended: October 27, 1999



By signature of the Administrator

Gregory J. Holt
(Signature)

Gregory J. Holt
Manager,
Anchorage Aircraft Certification Office

(Title)