

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

Number SA281SW

This certificate issued to Stephen Noyes
4924 Onondaga Rd
Onondaga, MI 49264

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: See attached FAA Approved Model List (AML) for the list of approved airplane models, applicable installation data requirements and specific limitations.
Make:
Model:

Description of Type Design Change:

Installation of gravity flow fuel system, carburetor heater system, and fuel selector valve in accordance with Ector Aircraft Company Drawing No. 271000 dated 9/16/1963; 72000 Rev. 2/18/1964, Ector Aircraft Drawings dated 10/16/1963 and 7/1/1963, or later FAA approved revisions and seven photographs.

Or

Installation of gravity flow fuel system, carburetor heater system, and fuel selector valve in accordance with Air Repair, Inc. Engineering Report AR063 dated May 12, 2009, or later FAA approved revision.

Limitations and Conditions:

This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. 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.

(See continuation sheet 3 of 3)

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

Date of application: May 1, 1963

Date reissued : March 22, 2002; May 6, 2010

Date of issuance : November 14, 1963

Date amended : March 10, 1964; November 18, 1980;
January 10, 2011

Federal Aviation Administration.

By direction of the Administrator



Original Signed By:
John M. Tallarovic

(Signature)

Michael Downs
Acting 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 SA281SW

Date of Issuance: November 14, 1963

Date Amended: January 10, 2011

Limitations and Conditions (Continued):

1. Required Placard: Each fuel quantity gage 20 Gallons Total; 18 Gallons Usable.
2. When gravity flow fuel system is installed the fuel pressure gage is to be deleted.
3. FAA Approved Airplane Flight Manual Supplement dated 11/6/1963, or later FAA approved revision, is required.
4. Enlarged oil cooler per drawing dated 7/1/1963, or later FAA approved revision, is optional.

- END -