

United States Of America  
Department of Transportation - Federal Aviation Administration

# Supplemental Type Certificate

*Number* SE09289SC

*This Certificate issued to* General Aviation Modifications, Inc.  
2800 Airport Road, Hangar A  
Ada Municipal Airport  
Ada, OK 74820

*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 (AML) for list of  
*Make:* approved models and applicable airworthiness regulations]  
*Model:*

*Description of Type Design Change:* Installation of modified fuel injector nozzles in accordance with General Aviation Modifications, Inc. "Data List", Revision 002, dated February 13, 1997, and Installation Procedure No. IP-97-002, "TurboGAMjector Installation Procedure", Revision 002, dated February 6, 1997, or later FAA approved revisions.

*Limitations and Conditions:* Compatibility of this design change with previously approved modifications must be determined by the installer. This STC only applies to Teledyne Continental Motors (TCM) engine models listed on the FAA approved model list on the attached 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:* September 20, 1996

*Date reissued:*

*Date of issuance:* February 06, 1997

*Date amended:* April 8, 1997, Rev. 1



*By direction of the Administrator*

*A. J. Merrill*  
(Signature)

A. J. Merrill  
Manager, Special Certification Office  
Southwest Region

(Title)

**FAA APPROVED MODEL LIST (AML)**

**STC No. SE09289SC**

Date of issuance: February 06, 1997

Date amended: April 8, 1997

General Aviation Modifications, Inc.  
 2800 Airport Road, Hangar A  
 Ada Municipal Airport  
 Ada, OK 74820

Item	Aircraft Make	Aircraft Model	Original Type Certificate Number	Regulation /Part
1	Teledyne Continental Motors	TSIO-520-A, -B, -BB, -C, -D, -DB, -E, -EB, -G, -H, -J, -JB, -K, -KB, -L, -LB, -N, -NB, -M, -P, -R, -T, -U, -UB, -AE, -AF, -VB, -WB, & -CE	E8CE	CAR 13
2	Teledyne Continental Motors	IO-520-B, -BA, -BB (with STC SE5222NM)	E5CE	CAR 13
3	Teledyne Continental Motors	IO-550-B (with STC SE5222NM)	E3SO	FAR 33
4	Teledyne Continental Motors	IO-520-D (with STC SE00215DE)	E5CE	CAR 13

FAA Approved:

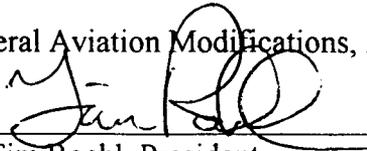


Date: April 8, 1997

Pursuant to Title 49 United States Code § 44704 (b) (3) (effective October 19, 1996) the signature below constitutes the agreement and permission of General Aviation Modifications, Inc., allowing the registered owner of N 3946Q, to alter that certain Teledyne Continental Motors Engine:

Model IO-550D, SN 680053 and N/A, and ONLY that serial number (or numbers), by application of STC No. SE09289SC, to that specific engine(s), for the purpose of installing the fuel injector nozzles which are the subject of that STC.

General Aviation Modifications, Inc.



By Tim Roehl, President  
 Or George W. Braly, CEO

[SEAL]

2-7-02

Date