

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

*Number* SH582GL

*This certificate issued to* Shadin Avionics  
6831 Oxford Street  
St. Louis Park, MN 55426

*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)  
No. SH582GL for list of approved engine  
*Make :* \* models and applicable airworthiness regulations.  
*Model :* \*

*Description of Type Design Change:*

Installation of a Shadin Company Fuel Flow Indicating System in accordance with Shadin Company Installation Instructions as listed on AML No. SH582GL, or later FAA Approved revision.

*Limitations and Conditions:*

- 1) A copy of this certificate and FAA Approved Model List (AML) No. SH582GL amended September 9, 1998, or later FAA approved revision, must be maintained as part of the permanent records for the modified rotorcraft.
- 2) Rotorcraft modified in accordance with Shadin Report 4119 must have the engine modified in accordance with STC SE578GL.

*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 :* July 22, 1981

*Date reissued :* June 8, 2006

*Date of issuance :* December 9, 1981

*Date amended :* March 16, 1983, December 14, 1984,  
September 9, 1998



*By direction of the Administrator*

(Signature)

Charles L. Smalley  
Manager, Systems and Flight Test Branch  
Chicago Aircraft Certification Office

(Title)

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**Supplemental Type Certificate**  
(Continuation Sheet)

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*Date of issuance* : June 8, 2006

*Limitations and Conditions (continued):*

- 3) Compatibility of this design change with previously approved modifications must be determined by the installer.
- 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.

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