

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

*Number* SA676GL

*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 3 of the Civil Air Regulations.*  
(See Type Certificate Data Sheet 2A3 for complete certification basis.)

*Original Product--Type Certificate Number:* 2A3  
*Make:* Mooney  
*Model:* M20A, M20B, M20C, M20D, M20E, M20F,  
M20J, M20K

*Description of Type Design Change:*

Installation of a Shadin Company Fuel Flow Indicating System in accordance with Shadin Company Report Number 4059, revised May 3, 1988, or other FAA approved revision.

*Limitations and Conditions:* This approval should not be extended to other airplanes of this model that incorporate any other previously approved modification, unless it is determined that the interrelationships between this change and any other previously approved modifications will introduce no adverse effect upon the airworthiness of these airplanes.

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.

*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:* November 2, 1982

*Date reissued:* June 8, 2006

*Date of issuance:* April 12, 1983

*Date amended:* December 15, 1984, May 9, 1988



*By direction of the Administrator*

(Signature)

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

(Title)