

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

*Number* SA1719GL

*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 3A20 for complete certification basis.)

*Original Product - Type Certificate Number :* 3A20  
*Make :* Beech Aircraft Corporation  
*Model :* C90, C90A, and E90

*Description of Type Design Change:*

Installation of a Shadin Company Engine Performance Recorder System in accordance with Shadin Company Report 3253, Part I, revised August 16, 1992, or later FAA approved revision; or installation of a Shadin Company Engine Trend Monitor System in accordance with Shadin Report 3253, Part II, Revision C, dated July 30, 1996, or later FAA approved revision.

*Limitations and Conditions:*

- 1) Compatibility of this design change with previously approved modifications must be determined by the installer.
- 2) The appropriate FAA Approved Aircraft Flight Manual Supplement, dated March 16, 1993 for the C90 and C90A, or dated August 5, 1996 for the E90, or later approved revision is required on the modified aircraft.
- 3) 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 16, 1991

*Date reissued :* June 8, 2006

*Date of issuance :* March 25, 1992

*Date amended :* June 12, 1992, April 1, 1993,  
August 23, 1996



*By direction of the Administrator*

(Signature)

Charles L. Smalley  
Manager, Systems & Flight Test 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.