

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

Number SA1777GL

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 23 of the Federal Aviation Regulations. (See Type Certificate Data Sheet No. A31CE for complete certification basis.)

Original Product--Type Certificate Number: A31CE

Make: Beech

Model: F90

Description of Type Design Change:

Installation of a Shadin Engine Trend Monitoring System per Shadin Report 3252, dated April 8, 1991, or later FAA approved revisions.

Limitations and Conditions:

- 1) 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 of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that aircraft.
- 2) FAA Approved Airplane Flight Manual Supplement, dated July 23, 1992, or later FAA Approved revision is required.
- 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: April 8, 1991

Date reissued: June 8, 2006

Date of issuance: July 23, 1992

Date amended:



By direction of the Administrator

(Signature)

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

(Title)