

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

Number SA02098CH

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. A27CE amended by Special Condition No. 25-284-SC, dated January 12, 2005, Docket No. NM300, for complete certification basis.)

Original Product - Type Certificate Number : A27CE
Make : Cessna
Model : 501 & 551

Description of Type Design Change:

Installation of a dual Shadin ADC-6000 Air Data Computer System in accordance with Shadin Master Data List Document No. DN2807B-002, Revision K, dated August 29, 2005 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) Airplane Flight Manual Supplement, Shadin Document No. DN2807B-006, Revision A, FAA approved September 1, 2005, or later FAA approved revision, is required on board modified aircraft with ADC-6000R, Part Numbers 962861-00-00 or 962861-00-01.
- 3) Airplane Flight Manual Supplement, Shadin Document No. DN2807B-006A, Revision NC, FAA approved on September 1, 2005, or later FAA approved revision, is required on board modified aircraft with ADC-6000R, Part Numbers 962861-01-00 or 962861-01-01.

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 : March 3, 2004

Date reissued : March 10, 2005, June 8, 2006

Date of issuance : February 16, 2005

Date amended : September 1, 2005



By direction of the Administrator

(Signature)

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

(Title)

United States of America
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Supplemental Type Certificate
(Continuation Sheet)

Number SA02098CH

Date of issuance : June 8, 2006

Limitations and Conditions (continued):

- 4) Instructions for Continued Airworthiness, Chapter 10, contained in Shadin Document No. DN2807B-017, Revision IR, FAA approved on February 16, 2005, or later approved revision is required with this approval.
- 5) 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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