United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA4166NM

This certificate, issued to Paul Malkasian

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: *
Make: *
Model: *

* See Attached Master Eligibility List (MEL) Number SA4166NM for list of approved airplane models and applicable airworthiness regulations.

Description of Type Design Change: Installation of Fairchild Voltage Regulator No. UA78 GUIC to replace the original voltage regulator in Cessna Turn Coordinator Part No. C661003-0506 in accordance with "Electric Gyro Corp. Turn Voltage Regulator Replacement 12-32 VDC (Y) Models," Revision A dated January 1, 1988, or later FAA approved revisions.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate, Continuation Sheet, and Master Eligibility List (MEL) dated January 25, 1988, or later FAA approved revision, must be maintained as part of the permanent records for the modified aircraft.

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: October 5, 1987

Date of issuance: January 25, 1988

Date reissued:

Date amended:

By direction of the Administrator

D. L. Riggin

(Signature)

Assistant Manager, Seattle

~~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.

This certificate may be transferred in accordance with FAR 21.47.

FAA Form 8110-2 (10-68)

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Supplemental Type Certificate

(Continuation Sheet)

Number SA4166NM

Limitations and Conditions: (continued)

All Turn Coordinators modified in accordance with this document must be remarked as specified below.

1. All references to Technical Standard Orders (TSOs) must be permanently obliterated wherever found on the modified instrument.

2. New markings must be applied to the modified instrument which include the following information:

   The name and address of the STC holder.
   The number of the STC, SA4166NM
   The statement, "No Functional Change."

This modification to the instrument may be conducted only by a Repair Station which is authorized by the FAA to repair electrically driven gyroscopic instruments.

Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.