

Supplemental Type Certificate

Number SA3-160

This certificate issued to

Jerry M. Strunk
1212 Lewis Street
Ottumwa, IA 52501

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 Aircraft Specification No. 5A6 for complete certification basis)

Original Product - Type Certificate Number: 5A6

Make: Cessna

Model: 180

Description of Type Design Change: Complete conversion of electrical system, engine and aircraft, from 12v to 24v. Installed additional battery box (Cessna Part #0513011-9) attached to structure in the same manner as the original battery box. Batteries are connected in series.

See letter from Continental Motors Corporation (Attachment #1)

See Wiring Diagram (Attachment #2)

See Battery Box Installation Diagram (Attachment #3)

See ACA-337 dated 10/31/57 (G. Richard Marsh, A & E #156867)

Limitations and Conditions:

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. CAM 3.681-2 should be complied with if additional electrical equipment is installed.
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 : October 31, 1957

Date reissued : March 13, 1989;
November 29, 2006

Date of issuance : January 28, 1958

Date amended : April 22, 1958

By direction of the Administrator



(Signature)

Thaddeus D. Krolicki Jr.
Manager, Propulsion Branch
Chicago Aircraft Certification Office

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

United States of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

Number

Comment [RL1]: Page: 1

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

FAA FORM 8110-2-1(10-69)

PAGE 3 of 3 PAGES

This certificate may be transferred in accordance with FAR 21.47.