



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

Number: SA01822WI

This certificate issued to: Mid-Continent Instruments and Avionics  
9400 East 34th Street North  
Wichita, KS 67226

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 23\* of the Federal Aviation Regulations (\*see page 3).

Original Product – Type Certificate Number: A37CE  
Make: Cessna  
Model: 208, 208B

Description of Type Design Change:

Installation of a True Blue TB44 Lithium Ion Battery. Data required:

- 1. Peregrine Master Drawing List, Document No. E-MC-15-0002, Rev C, dated August 12, 2016; and
  - 2. Peregrine Airplane Flight Manual Supplement, Document No. E-MC-15-0011, Rev IR, dated September 20, 2016, or later FAA Approved revision of 1 or 2, and
- Continued on page 3.

Limitations and Conditions:

- 1. This STC is applicable to Model 208 or 208B airplanes equipped with a P&WC PT6A-114, PT6A-114A, or PT6A-140 engine.
- 2. This STC is applicable to Model 208 airplanes equipped with a P&WC PT6A-42A engine installed by STC SA02467LA and applicable to Model 208B airplanes equipped with a P&WC PT6A-42A engine installed by STC SA02357LA .
- 3. This STC is limited to Model 208 or 208B airplanes not equipped with the Garmin G1000.
- 4. Compatibility of this design with previously approved modifications must be determined by the installer.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

Date of Application: March 25, 2015                      Date Reissued: August 30, 2017

Date of Issuance: September 22, 2016                      Date Amended: March 13, 2017

*By Direction of the Administrator*

Signature \_\_\_\_\_

Title     Hieu Nguyen  
           Program Manager  
           Wichita 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. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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*Supplemental Type Certificate*

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification Office of the transfer of this Supplemental Type Certificate. The FAA will reissue the certificate in the name of the transferee and forward it to him.

*Transfer Endorsement*

*Transfer the ownership of Supplemental Type Certificate Number: SA01822WI*

**To** (Name and address of transferee)

**From** (Name and address of grantor)

Extent of Authority (if licensing agreement):

*Date of transfer:*

*Signature of grantor:* \_\_\_\_\_

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# Supplemental Type Certificate

(Continuation Sheet)

Number: SA01822WI

Date Amended: March 13, 2017

Date Reissued: August 30, 2017

Description of Type Design Change: (continued from page 1)

3. Peregrine Instructions for Continued Airworthiness, Document No. E-MC-15-0010, Rev IR, dated August 3, 2016, or later FAA accepted revision.

Certification Basis: (continued from page 1)

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for not significant changes in FAA Order 8110.48, the certification basis for the Cessna 208, 208B installation of a True Blue TB44 Lithium Ion Battery is as follows:

- a. The type certification basis for the Cessna 208, 208B aircraft is shown on TCDS A37CE for parts not changed or not affected by the change.
- b. The certification basis for parts changed or affected by this change as of the reference date of application, March 25, 2015, is based on Part 23 as amended by Amendment 23-62. Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for not significant changes in FAA Order 8110.48, the certification basis for this modification was determined to be:

Special Conditions No. 23-274-SC.

Regulations at the latest amendment 23-0 through 23-62:

23.29, 23.303, 23.307(a), 23.471, 23.561(b)(3), 23.601, 23.603, 23.605, 23.609, 23.619, 23.625, 23.671(a), 23.771(a), 23.1321(c), 23.1322(a)(b)(d)(e), 23.1357(a)(b)(c)(d), 23.1529.

Regulations at an intermediate amendment:

23.777(a) Amdt 23-51, 23.1365(a)(b)(d)(e) Amdt 23-43, 23.1431(a)(b) Amdt 23-49, 23.1581(a) Amdt 23-34, 23.1583(h) Amdt 23-34, 23.1585(a) Amdt 23-34.

Regulations at the amendment level in TCDS A37CE:

23.301, 23.305, 23.321, 23.607, 23.611, 23.613, 23.863(a)(b)(c)(d), 23.903(e)(3)(g), 23.939(a), 23.1301(a)(b)(c)(d), 23.1307(b)(2), 23.1309(a)(c), 23.1351(a)(b)(d).

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