United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: SA02385AK

This certificate issued to: Power Flow Systems, Inc.
795 Fentress Blvd, Ste A & B
Daytona Beach, FL 32114

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 PT 3 *of* Civil Air Regulations.

Original Product Type Certificate Number: 5A6

Make: Cessna

Model: 180

Description of Type Design Change:

Installation of replacement engine exhaust system assembly (P/N P55C180ESA) in accordance with Leading Edge Exhaust Systems, LLC Drawing List No. LEESC180ESA-DL-1, Revision IR.4, dated June 26, 2012, or later FAA approved revision.

Limitations and Conditions:

1) Approval of this design change is limited to Cessna model 180 aircraft serial numbers 604, 614, and 30000 through 32661.
2) The installer must determine whether this design change is compatible with previously (See continuation Sheet 3)

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: August 17, 2006 *Date Reissued:* March 19, 2020; April 24, 2020

Date of Issuance: September 12, 2011 *Date Amended:* June 29, 2012; February 19, 2015; May 20, 2025

By Direction of the Administrator

Signature:

(for) Christina M. Underwood
Manager East Certification Branch
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 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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***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: _____

***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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Limitations and Conditions (cont.):
approved modifications. Compatibility has been shown for airplanes equipped with FAA Approved Installations of Continental O-470K, L, R, or S model engines.
3) If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of such permission.
4) The existing product's maintenance manual and associated service documents have been assessed and determined to be sufficient as Instructions for Continued Airworthiness when the product has been altered by this installation.

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Any alteration of this certificate and/or the Type Certificate Data Sheet is punishable by a fine 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 Title 14 of the Code of Federal Regulations, part 21, section 21.47 (14 CFR 21.47). A transfer must be endorsed as provided on the reverse hereof. A Type Certificate holder who allows a person to use the Type Certificate to manufacture a new aircraft, aircraft engine, or propeller must provide that person with a written licensing agreement acceptable to the FAA. (Ref. 14 CFR 21.55).