



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: SA04154AT

This certificate issued to: PM Firesystems, LLC.
2901 Coral Hills Drive 300
Coral Springs, FL 33065

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.

Original Product – Type Certificate Number: A00009CH **Make:** Cirrus Design Corporation
Model: SR20
SR22
SR22T

Description of Type Design Change:

Installation of a PM Firesystems LLC, Fire Suppression System on Cirrus Design Corporation SR20/SR22/SR22T Series Aircraft in accordance with PM Firesystems LLC. Master Data List, Document No. 210128-MDL, Revision C, dated 16 May 2014, or later FAA approved revision.

Limitations and Conditions:

The installer must determine whether this design change is compatible with previously approved modifications. 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 that permission. The modified aircraft must be operated in accordance with PM Firesystems LLC Airplane Flight Manual Supplement for Cirrus SR20/SR22/SR22T, Document No. 210128-FMS, Rev. IR, dated 02 June 2014, or later FAA approved revision. Instructions for Continued Airworthiness (ICA), Document No. 210128-ICA, Rev. C, dated 16 May 2014, or later FAA approved revision must be made available to the operator at the time of installation.

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: January 7, 2011 **Date Reissued:** March 27, 2015; April 07, 2015; July 30, 2015

Date of Issuance: June 2, 2014 **Date Amended:**

By Direction of the Administrator

Signature _____

Title Melvin D. Taylor, Manager
Atlanta 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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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: SA04154AT

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: **SA04154AT**

Certification Basis:

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the added fire suppression system on Cirrus Design Corporation SR20/SR22/SR22T series aircraft is as follows:

- a. The type certification basis for Cirrus Design Corporation SR20/SR22/SR22T series aircraft is shown on TCDS A00009CH for parts **not changed or not affected** by the change.
- b. The certification basis for parts **changed or affected** by the change since the reference date of application, January 7, 2011, is based upon part 23 as amended by Amendment 23-59. Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification was determined to be:

Regulations at the latest amendment 23-0 through 23-59

23.29, 23.301, 23.303, 23.305, 23.307(a), 23.561(b)(3), 23.601, 23.603, 23.605(a), 23.611, 23.901(b), 23.1191(c), (e), (h), 23.1197(b), 23.1199(a), (b), (c), (d), (e), 23.1201(a), (b), 23.1301(a), (b), (c), (d), 23.1309(a)(1), (a)(2), 23.1351(b)(1), 23.1357(a), 23.1359, 23.1529, 23.1541(a)

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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