

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate

Number SA02554LA

This Certificate issued to Sky IMD Inc.
3080 Hilltop Mall Road
Richmond, CA 94806

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 Certification Basis on continuation sheet

Original Product Type Certificate Number: A00009CH

Make: Cirrus Design Corporation

Model: SR22, SR22T

Description of Type Design Change: Installation of a strut mounted Sensor Pod and wiring for a passenger operated monitoring system in accordance with Sky IMD Inc. Master Document List (MDL) No. CS01 revision IR, dated April 1, 2014 or later FAA approved revision and FAA Approved Airplane Flight Manual Supplement (AFMS) Document No. CS70-01 dated February 17, 2016 or later FAA approved revision.

Limitations and Conditions: This STC is for installation of a sensor pod and wiring from the sensor pod into the fuselage. This STC does not include power to the sensor pod or the sensor control unit. The FAA has not certified the equipment for which these provisions are intended. You must get additional FAA approval to install this equipment. The FAA must evaluate the installation to ensure it complies with the applicable airworthiness standards. (See page 3 for continued Limitations and Conditions)

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 12, 2014

Date reissued: March 14, 2016

Date of issuance: March 4, 2016

Date amended:



By direction of the Administrator

(Signature)

Manager, Airframe Branch
Los Angeles 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.

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(SA02554LA Continuation Sheet)

Limitations and Conditions (Continued):

The installation should not be incorporated in any airplane unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the airplane. 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.

The approval of this modification applies only to the Cirrus Design Corporation models SR22 and SR22T. Maintain in accordance with Instructions for Continued Airworthiness (ICA) Document No. CS80-01 revision IR, dated February 28, 2014 or other FAA accepted ICA. A copy of this STC must be included in the permanent records of the modified airplane.

For operational approval of any device that contains lithium batteries in equipment connected to this STC, provisions should be tested per the Lithium Battery Operational Performance Standards of RTCA/DO-311. Flight Standards may require the operator to show that the portable device's batteries met certain test criteria for their operational approval.

Weight Limit Changes to SR22 and SR22T models:

Maximum Takeoff Weight: 3300 lbs
Maximum Landing Weight: 3300 lbs

Certification Basis:

Based on Title 14 Code of Federal Regulations sections 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Cirrus Design Corporation model SR22 and SR22T aircraft with the Sky IMD Inc. Strut Mounted Sensor Pod STC is as follows:

- a. The type certification basis for parts **not changed or not affected** by the change is shown on TCDS A00009CH.
- b. The type certification basis for parts **changed or affected** by the change since the referenced date of application, August 12, 2014, is based upon part 23 as amended by Amendment 23-62. The certification basis for this modification was determined to be:

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

14 CFR: 23.29, 23.143, 23.175, 23.177, 23.201, 23.203, 23.251, 23.301 – 23.307, 23.337, 23.601 – 23.605, 23.609, 23.613, 23.853, 23.1301, 23.1365, 23.1519, 23.1581

Regulations at the amendment level in TCDS A00009CH

14 CFR: 23.23, 23.607, 23.611, 23.1309

This change has been determined to be a no acoustic change in accordance with 14 CFR 21.93(b).

- End -

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