



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: ST03885AT

This certificate issued to: Archeion Holdings, L.L.C.
9941 West Jessamine Street
Miami, FL 33157

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 25 of the Federal Aviation Regulations.

Original Product – Type Certificate Number: (AML) Make: Approved Model List 21149-AML, Revision V, dated Model: August 21, 2019, or later FAA approved revisions

Description of Type Design Change: Installation of an Avionica, Inc. avCM Cellular Module in accordance with Master Data List 100600-001, Revision AD, dated July 10, 2019 or later FAA approved revisions. The Cellular Module mount directly on the following Avionica Quick Access Recorders installed by other STC's: MK-III mini QAR, avRDC QAR, or avRDC MAX QAR. The avCM is intended to provide QAR data transfer over the cellular network when the aircraft is parked on the ground.

- Configuration 1 Installs the 3G avCM 650-0100-01 with battery 391-0001.
- Configuration 2 Installs the 4G avCM 650-0100-04 that doesn't require a battery.

Limitations and Conditions:

- “- For maintenance and inspections of Configuration 1 3G avCM with battery, apply Archeion Holdings Instructions for Continued Airworthiness 100600-504, Revision D, dated April 10, 2015, or later FAA accepted revisions.
- For maintenance and inspections of the Configuration 2 4G avCM Standard installations, apply Archeion Holdings Instructions for Continued Airworthiness 150330-ICA, Revision A, dated August 20, 2015, or later FAA accepted revisions...”
- For maintenance and inspections of the Configuration 2 4G avCM installed in accordance with section 5.0 of Master Data List 100600-001, apply Archeion Holdings Instructions for Continued Airworthiness 170795-ICA, Revision B, dated November 14, 2017, or later FAA accepted revisions...”

(See continuation sheet 3 of 3)

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 29, 2010

Date Reissued:

Date of Issuance: October 04, 2010

Date Amended: October 15, 2015, July 29, 2016, October 5, 2017, August 27, 2019

By Direction of the Administrator

Signature

Title (for) Christina M. Underwood
Manager, Atlanta ACO Branch

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

(Continuation Sheet)

Number: ST03885AT

Date of Issuance: October 04, 2010

Date Amended: August 27, 2019

Limitations and Conditions (Continued): "... This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any other previously approved modifications, including integration to other Archeion STC's, will produce no adverse effect upon the airworthiness of that 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."

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 parts changed or affected by the change since the reference date of application, June 30, 2015, is based upon 14 CFR Part 25 as amended by Amendment 25-141. Based on Order 8110.48, the certification basis for this modification was determined to be:

Regulations at the latest amendment 25-0 through 25-141

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| §§25.21 (a)(1), Amdt. 25-140 | §§25.1351 (a)(1), Amdt. 25-72 | §§25.1431 (a)(c)(d), Amdt. 25-113 |
| §§25.301, Amdt. 25-23 | §§25.1353 (a)(c), Amdt. 25-123 | §§25.1529, Amdt. 25-54 |
| §§25.1301 (a)(1,2,3,4), Amdt. 25-123 | §§25.1357 (a)(c), Amdt. 25-123 | §§25.1541, Orig |
| §§25.1309 (a)(b)(d)(e)(f), Amdt. 25-123 | §§25.1360 (a), Amdt. 25-123 | §§25.1581, Amdt. 25-72 |

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