

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

Number ST03386AT

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 therefor as specified herein meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.

Original Product - Type Certificate Number : A16WE
Make : Boeing
Model : B737-300/-400/-700/-800

Description of Type Design Change: Installation of an Avionica, Inc. satLINK System to provide voice and short burst data Iridium Satellite Communications (SATCOM) in accordance with Master Data List 26047-MDL, Revision V, dated August 9, 2013, or later FAA approved revisions. The optional Cabin Wi-Fi network may be active for all phases of flight. Optional subcomponents include a Wired Handset and Base, Wireless Wi-Fi On-Board Ruggedized Support Utility OB RSU-II tablet computer & Docking Station, Wireless VoIP Wi-Fi Handset & Docking Station, Iridium Signal Filters, and a Personality Module SIM (avPM). Optional system interfaces are with the Flight Deck Audio System (i.e. Pilot Crew Headsets), Multipurpose Control Display Units (MCDU), Integrated Flight Display Units (IDU), Aircraft Communications Addressing and Reporting System (ACARS), Communications Management Unit (CMU), CMU Printer, Flight Data Recorder (for Key Event recording), Avionica secureLINK Gate Wi-Fi system, Avionica Quick Access Recorders (mini-QAR or avRDC-QAR), and avWiFi Cabin and/or terminal (GatetLINK) Wi-Fi system.

Limitations and Conditions: " FAA approved Airplane Flight Manual Supplement for Archeion Holdings LLC, 26048-AFMS, Revision B, dated August 20, 2013, or later FAA approved revisions, is a required part of this STC...
(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, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application : November 17, 2006

Date reissued : February 20, 2008

Date of issuance : January 22, 2007

Date amended : February 22, 2010, May 26, 2010; August 20, 2010; August 20, 2013



By direction of the Administrator

(Signature)
Melvin D. Taylor, Manager
Atlanta Aircraft Certification Office

(Title)

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional 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 of transferee)* _____

(Address of transferee) _____

(Number and street)

(City, State, and ZIP code)

from *(Name of grantor) (Print or type)* _____

(Address of grantor) _____

(Number and street)

(City, State, and ZIP code)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor *(In ink)*: _____

United States of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

Number ST03386AT

Date of Issuance: January 22, 2007

Date Amended: August 6, 2013

Limitations and Conditions (Continued): "For maintenance and inspections, apply Archeion Holdings Instructions for Continued Airworthiness 26047-ICA, Revision M, dated August 8, 2013, or later FAA accepted revisions. 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 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 the Boeing B737 Series is as follows:

- a. The type certification basis for Boeing Model B737 series airplanes is shown on TCDS A16WE for parts not changed or affected by the change.
- b. The certification basis for parts changed or affected by the change since the reference date of application, November 17, 2006, is based upon 14 CFR Part 25 as amended by Amendment 25-136. Based on Order 8110.48, the certification basis for this modification was determined to be:

Regulations at the latest amendment 25-0 through 25-136

§25.21 (a)(1), Amdt. 25-135	§25.609, Orig.	§25.1309 (a)(b)(c)(d)(e), Amdt. 25-123
§25.301, Amdt. 25-23	§25.611 (a), Amdt. 25-123	§25.1351 (a)(1), Amdt. 25-72
§25.303, Amdt. 25-23	§25.613, Amdt. 25-112	§25.1353 (a)(c), Amdt. 25-123
§25.305, Amdt. 25-86	§25.787 (a)(b), Amdt. 25-51	§25.1357 (a)(c), Amdt. 25-123
§25.307 (a), Amdt. 25-72	§25.789 (a), Amdt. 25-46	§25.1360 (a), Amdt. 25-123
§25.561 (c)(d), Amdt. 25-91	§25.853 (h), Amdt. 25-116	§25.1363 (a)(b), Orig.
§25.601, Orig.	§25.869 (a)(1), Amdt. 25-123	§25.1431 (a)(c)(d), Amdt. 25-113
§25.603, Amdt. 25-46	§25.899 (a)(1,3)(b), Amdt. 25-123	§25.1529, Amdt. 25-54
§25.605, Amdt. 25-46	§25.981 (a)(3)(d), Amdt. 25-125	§25.1541, Orig.
§25.607, Amdt. 25-23	§25.1301 (a)(1,2,3,4), Amdt. 25-123	§25.1581, Amdt. 25-72.

14 CFR Part 26 regulations: Based on 14 CFR § 21.101(g), applicable provisions of 14 CFR Part 26 are included in the certification basis. For any future 14 CFR 26 amendments, the holder of this STC must demonstrate compliance with the applicable sections. As of the issuance date of this STC, compliance has been found for the following regulations: 14 CFR §§ 26.11 (Amdt 26-0), 26.47 (Amdt 26-1).

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