

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

Number ST02472AT

This certificate issued to Archeion Holdings, L.L.C.
9941 W. 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 hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.

Original Product - Type Certificate Number:

See attached Approved Model List (AML)

Make:

21149-AML, Rev-H, Dated January 12, 2010,

Model:

or later FAA approved revisions

Description of Type Design Change: Installation of a mini Quick Access Recorder (QAR) model MKI, MKII, or MKIII in accordance with Archeion Holdings L.L.C. Master Drawing List 21149-MDL, Rev-N, dated January 7, 2010, or later FAA approved revisions, on aircraft listed on Approved model List 21149-AML, Rev-H, dated January 12, 2010, or later FAA approved revisions.

Limitations and Conditions: "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."

14 CFR Part 26 regulations: Applicable to transport aircraft models identified on Archeion EZAP analysis 21149-512, rev-C, dated 9/16/2010, or later FAA approved revisions; 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).

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: September 24, 2001

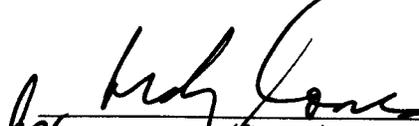
Date reissued: February 20, 2008

Date of issuance: March 08, 2002

Date amended: April 30, 2003; January 12, 2010;
August 30, 2010; September 21, 2010

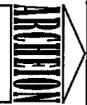
By direction of the Administrator



for 
(Signature)
Melvin D. Taylor, Manager
Atlanta 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.



Archeion Holdings LLC.

9941 West Jessamine St.
Miami, FL 33157
Phone: (786) 544-1100

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FAA APPROVED MODEL LIST (AML)
STC NO. ST02472AT AND ST03885AT
ARCHEION HOLDINGS LLC.
FOR INSTALLATION OF AVIONICA, INC. miniQAR (mini-Quick Access Recorder)
AND INSTALLATION OF AVIONICA, INC. avCM (Cellular Module)

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	INSTALLATION INSTRUCTIONS (OR LATER FAA APPROVED REVISION)		AFM SUPPLEMENT NUMBER/DATE	AML AMENDMENT REVISION
					MASTER DRAWING LIST	REVISION AND DATE		
1	Boeing Company	B747-100/-200-300/-400-SP	A20WE	14 CFR Part 25, Amendment 25-105 and additional requirements in TCDS A20WE.	21149-MDL 100600-001	A, 01-30-02 C, 09-16-10	N/A	--
2	Boeing Company	B757-200/-300	A2NM	14 CFR Part 25, Amendment 25-109, with exceptions and additional requirements in TCDS A2NM.	21149-MDL 100600-001	B, 03-03-03 C, 09-16-10	N/A	--
3	McDonnell Douglas	MD-88, DC-9-81, DC-9-82, DC-9-83, DC-9-87, MD-90-30	A6WE	14 CFR Part 25, Amendment 25-112, with exemptions and additional requirements in TCDS A6WE.	21149-MDL 100600-001	D, 04-28-04 C, 09-16-10	N/A	IR

FAA APPROVED: 
DATE: NOV - 6 2010



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4	Boeing Company	B737-200/-300/-400/-500	A16WE	14 CFR Part 25, Amendment 25-119 and additional requirements in TCDS A16WE.	21149-MDL 100600-001	E, 09-15-04 C, 09-16-10	N/A	A
5	Boeing Company	B767-200/-300/-400	A1NM	14 CFR Part 25, Amendment 25-124, with exceptions and additional requirements in TCDS A1NM.	21149-MDL 100600-001	E, 09-15-04 C, 09-16-10	N/A	A
6	Boeing Company	B777-200/-300	T00001SE	14 CFR Part 25, Amendment 25-116, with exceptions and additional requirements in TCDS T00001SE.	21149-MDL 100600-001	F, 12-04-04 C, 09-16-10	N/A	B
7	Airbus	A330-200/-300	A46NM	14 CFR Part 25, Amendment 25-116, with exceptions and additional requirements in TCDS A46NM.	21149-MDL 100600-001	F, 12-04-04 C, 09-16-10	N/A	B

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8	Airbus	A300 Series	A35EU	14 CFR Part 25, Amendment 25-116, with exceptions and additional requirements in TCDS A35EU.	21149-MDL 100600-001	F, 12-04-04 C, 09-16-10	N/A	B
9	Airbus	A310-200/-300	A35EU	14 CFR Part 25, Amendment 25-116, with exceptions and additional requirements in TCDS A35EU.	21149-MDL 100600-001	F, 12-04-04 C, 09-16-10	N/A	B
10	Boeing Company	B727-100/-200 Series	A3WE	14 CFR Part 25, Amendment 25-117, with exceptions and additional requirements in TCDS A3WE.	21149-MDL 100600-001	G, 06-27-05 C, 09-16-10	N/A	D
11	Boeing Company	B737-600/-700/-800/-900	A16WE	14 CFR Part 25, Amendment 25-124, with exceptions and additional requirements in TCDS A16WE.	21149-MDL 100600-001	G, 06-27-05 C, 09-16-10	N/A	D

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12	McDonnell Douglas	MD-11	A22WE	14 CFR Part 25, Amendment 25-117, with exceptions and additional requirements in TCDS A22WE.	21149-MDL 100600-001	G, 06-27-05 C, 09-16-10	N/A	D
13	Airbus	A321-100/200 A319-100	A28NM	14 CFR Part 25, Amendment 25-117, with exceptions and additional requirements in TCDS A28NM.	21149-MDL 100600-001	G, 06-27-05 C, 09-16-10	N/A	D
14	Airbus	A320-100/200	A28NM	14 CFR Part 25, Amendment 25-117, with exceptions and additional requirements in TCDS A28NM.	21149-MDL 100600-001	G, 06-27-05 C, 09-16-10	N/A	D
15	Airbus	A340-200/-300 Series	A43NM	14 CFR Part 25, Amendment 25-117, with exceptions and additional requirements in TCDS A43NM.	21149-MDL 100600-001	G, 06-27-05 C, 09-16-10	N/A	D

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16	Airbus	A340-500/-600 Series	A43NM	14 CFR Part 25, Amendment 25-117, with exceptions and additional requirements in TCDS A43NM.	21149-MDL 100600-001	G, 06-27-05 C, 09-16-10	N/A	D
17	Boeing Company	B717-200	A6WE	14 CFR Part 25, Amendment 25-117, with exceptions and additional requirements in TCDS A6WE.	21149-MDL 100600-001	G, 06-27-05 C, 09-16-10	N/A	D
18	Gulf Stream	G-1159A, G-III	A12EA	14 CFR Part 25, Amendment 25-117, with exceptions and additional requirements in TCDS A12EA.	21149-MDL 100600-001	G, 06-27-05 C, 09-16-10	N/A	D
19	Gulf Stream	G-IV, G-V, G-V-SP, GIV-X	A12EA	14 CFR Part 25, Amendment 25-117, with exceptions and additional requirements in TCDS A12EA.	21149-MDL 100600-001	G, 06-27-05 C, 09-16-10	N/A	D

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20	Bombardier	BD-700	T00003NY	14 CFR Part 25, Amendments 25-117, with exceptions and additional requirements in TCDS T00003NY.	21149-MDL 100600-001	G, 06-27-05 C, 09-16-10	N/A	D
21	Bombardier	Challenger CL-600 Series, Including Regional Jet Series	A21EA	14 CFR Part 25, Amendment 25-117, with exceptions and additional requirements in TCDS A21EA.	21149-MDL 100600-001	G, 06-27-05 C, 09-16-10	N/A	D
22	Embraer	EMB-135	T00011AT	14 CFR Part 25, Amendment 25-117, with exceptions and additional requirements in TCDS T00011AT.	21149-MDL 100600-001	G, 06-27-05 C, 09-16-10	N/A	D
23	Embraer	EMB-145	T00011AT	14 CFR Part 25, Amendment 25-117, with exceptions and additional requirements in TCDS T00011AT.	21149-MDL 100600-001	G, 06-27-05 C, 09-16-10	N/A	D

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24	SAAB	SF340A/ 340B	A52EU	14 CFR Part 25, Amendment 25-117, with exceptions and additional requirements in TCDS A52EU.	21149-MDL 100600-001	G, 06-27-05 C, 09-16-10	N/A	D
25	SAAB	2000	A47NM	14 CFR Part 25, Amendment 25-117, with exceptions and additional requirements in TCDS A47NM.	21149-MDL 100600-001	G, 06-27-05 C, 09-16-10	N/A	D
26	British Aerospace	Bae146-100A/- 200A/- 300A	A49EU	14 CFR Part 25, Amendment 25-117, with exceptions and additional requirements in TCDS A49EU.	21149-MDL 100600-001	G, 06-27-05 C, 09-16-10	N/A	D
27	Bombardier	Challenger 300 Series BD-100	T00005NY	14 CFR Part 25, Amendment 25-117, with exceptions and additional requirements in TCDS T00005NY.	21149-MDL 100600-001	G, 06-27-05 C, 09-16-10	N/A	D

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28	Bombardier	DHC-8-100/-200/-300/-400 Series	A13NM	14 CFR Part 25, Amendment 25-1 through 25-51, 25-83, with exceptions and additional requirements in TCDS A13NM.	21149-MDL 100600-001	G, 06-27-05 C, 09-16-10	N/A	D
29	Learjet	20, 30, 50 & 60 Series	A10CE	14 CFR Part 25, Amendment 25-1, 25-2, 25-4, 25-7, 25-18 through 25-73, with exceptions and additional requirements in TCDS A10CE.	21149-MDL 100600-001	G, 06-27-05 C, 09-16-10	N/A	D
30	Learjet	45 Series	T00008WI	14 CFR Part 25, Amendment 25-117, with exceptions and additional requirements in TCDS A16WE.	21149-MDL 100600-001	G, 06-27-05 C, 09-16-10	N/A	D
31	McDonnell Douglas	DC-10	A22WE	14 CFR Part 25, Amendment 25-117, with exceptions and additional requirements in TCDS A16WE.	21149-MDL 100600-001	G, 06-27-05 C, 09-16-10	N/A	D

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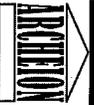


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32	Cessna	650 Citations III, VI, and VII	A9NM	14 CFR Part 25, Amendment 25-117, with exceptions and additional requirements in TCDS A9NM.	21149-MDL 100600-001	G, 06-27-05 C, 09-16-10	N/A	D
33	Dassault Aviation	Falcon 2000/2000EX	A50NM	14 CFR Part 25, Amendment 25-117, with exceptions and additional requirements in TCDS A50NM.	21149-MDL 100600-001	G, 06-27-05 C, 09-16-10	N/A	D
34	McDonnell Douglas	MD-80, DC-9-81, DC-9-82, DC-9-83, DC-9-87, MD-90-30	A6WE	14 CFR Part 25, Amendment 119, with exceptions and additional requirements in TCDS A6WE.	21149-MDL 100600-001	I, 08-16-06 C, 09-16-10	N/A	E
35	Aerospatiale	ATR42-200/-300/-320/-500	A53EU	14 CFR Part 25 Amendment 25-119, with exceptions and additional requirements in TCDS A53EW.	21149-MDL 100600-001	I, 08-16-06 C, 09-16-10	N/A	E

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36	Aerospatale	ATR72-101/-201/-102/-202/-211/-212/-212A	A53EU	14 CFR Part 25 Amendment 25-119, with exceptions and additional requirements in TCDS A53EA	21149-MDL 100600-001	I, 08-16-06 C, 09-16-10	N/A	E
37	DeHavilland	DHC-7-1/-100/-101/-102/-103 (DASH 7)	A20EA	14 CFR Part 25 Amendment 25-119, with exceptions and additional requirements in TCDS A20EA.	21149-MDL 100600-001	I, 08-16-06 C, 09-16-10	N/A	E
38	Embraer	EMB-120/-120RT/-120ER/-120FC/-120QC	A31SO	14 CFR Part 25 Amendment 25-119, with exceptions and additional requirements in TCDS A31SO.	21149-MDL 100600-001	I, 08-16-06 C, 09-16-10	N/A	E
39	Embraer	ERJ170-100STD/-LRSU/SE	A56NM	14 CFR Part 25 Amendment 25-119, with exceptions and additional requirements in TCDS A56NM.	21149-MDL 100600-001	I, 08-16-06 C, 09-16-10	N/A	E

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40	Embraer	ERJ-190-100	A57NM	14 CFR Part 25, Amendments 25-119, with exceptions 101 additional requirements in TCDS A57NM.	21149-MDL 100600-001	I, 08-16-06 C, 09-16-10	N/A	E
41	Cessna	500/ 550/ S550/ 552/ 560/ 560XL Citation I/ II/ SIII/ T-47A/ V	A22CE	FAR 25 Amendments 25-119, with exceptions and additional requirements in TCDS A22CE.	21149-MDL 100600-001	I, 08-16-06 C, 09-16-10	N/A	E
42	Fokker	F.27 Mk Series	A-817	14 CFR Part 25, Amendments 25-124, with exceptions and additional requirements in TCDS A-817.	21149-MDL 100600-001	J, 07-10-08 C, 09-16-10	N/A	G
43	Dassault Aviation	Falcon 7X	A59NM	14 CFR Part 25, Amendments 25-124, with exceptions and special conditions outlined in TCDS A59NM.	21149-MDL 100600-001	J, 07-10-08 C, 09-16-10	N/A	G

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44	Dassault Aviation	Mistre-Falcon 50, 900/900EX	A46EU	14 CFR Part 25, Amendment 25-124, with additions, exceptions and special conditions outlined in TCDS A46EU.	21149-MDL 100600-001	J, 07-10-08 C, 09-16-10	N/A	G
45	Hawker Beechcraft	800XP, 850XP, 900XP	A3EU	14 CFR Part 25, Amendment 25-124, with additions, exceptions and special conditions outlined in TCDS A3EU.	21149-MDL 100600-001	J, 07-10-08 C, 09-16-10	N/A	G
46	Gulfstream Aerospace	Gulfstream 200	A53NM	14 CFR Part 25, Amendment 25-124, with additions and special conditions outlined in TCDS A53NM.	21149-MDL 100600-001	J, 07-10-08 C, 09-16-10	N/A	G
47	Cessna Aircraft Company	Cessna 680	T00012WI	14 CFR Part 25, Amendment 25-124, with additions, exceptions and special conditions outlined in TCDS T00012WI.	21149-MDL 100600-001	J, 07-10-08 C, 09-16-10	N/A	G

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48	Cessna Aircraft Company	Cessna 750	T00007WI	14 CFR Part 25 Amendment 25-124, with additions, exceptions and special conditions outlined in TCDS T00007WI.	21149-MDL 100600-001	J, 07-10-08 C, 09-16-10	N/A	G
49	Dornier	328-100	A45NM	14 CFR Part 25 Amendment 25-124, with additions, exceptions and special conditions outlined in TCDS A45NM.	21149-MDL 100600-001	J, 07-10-08 C, 09-16-10	N/A	G
50	Dornier	328-300	A55NM	14 CFR Part 25, Amendment 25-124, with additions, exceptions and special conditions outlined in TCDS A55NM.	21149-MDL 100600-001	J, 07-10-08 C, 09-16-10	N/A	G
51	Fokker	F.28 Mk Series	A20EU	14 CFR Part 25, Amendment 25-127, with additions, exceptions and special conditions outlined in TCDS A20EU.	21149-MDL 100600-001	L, 10-01-09 C, 09-16-10	N/A	H

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