

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

Number ST03944AT

This certificate issued to

Archeion Holdings LLC
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: A22WE
Make: The Boeing Company
Model: DC-10 ; MD-10 ; MD-11 Series Aircraft

Description of Type Design Change: Installation of Avionica, Inc. satLINK System to provide voice and short burst data communications over the Iridium satellite Communications network (SATCOM), with Wi-Fi voice over IP (VoIP) cordless phone in accordance with Archeion Holdings LLC Master Data List 102810-MDL, Revision D, Dated January 17, 2012, or later FAA approved revisions.

Limitations and Conditions: "FAA approved Airplane Flight Manual Supplement Archeion Holdings document 102810-AFMS, Revision IR, Dated February 3, 2012, or later FAA approved revisions, is a required part of this STC. For maintenance and inspections, apply Archeion Holdings Instructions for Continued Airworthiness document 102810-ICA, Revision A, dated June 25, 2011, 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, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: November 02, 2010

Date reissued:

Date of issuance: February 03, 2012

Date amended:



By direction of the Administrator

Melvin D. Taylor
(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 ST03944AT

Date of Issuance: February 03, 2012

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 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 §§ 21.101 and 21.115, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Boeing DC-10, MD-10 and MD-11 Series is as follows:

- a. The type certification basis for Boeing DC-10, MD-10 and MD-11 series airplanes is shown on TCDS A22WE 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 2, 2010, is based upon part 25 as amended by Amendment 25-131. Based on Order 8110.48, the certification basis for this modification was determined to be:

Regulations at the latest amendment 25-0 through 25-131

§§ 25.29	§§ 25.301	§§ 25.303	§§ 25.305	§§ 25.307	§§ 25.365	§§ 25.561
§§ 25.571	§§ 25.581	§§ 25.601	§§ 25.603	§§ 25.605	§§ 25.607	§§ 25.609
§§ 25.611	§§ 25.613	§§ 25.787	§§ 25.789	§§ 25.853	§§ 25.981	§§ 25.1301
§§ 25.1309	§§ 25.1351	§§ 25.1353	§§ 25.1357	§§ 25.1360	§§ 25.1363	§§ 25.1431
§§ 25.1529	§§ 25.1541	§§ 25.1581				

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).