



# Supplemental Type Certificate

Number ST10928SC

This certificate issued to L2 Consulting Services, Inc.  
2100-A E. Hwy 290  
Dripping Springs, TX 78620

Certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon need the airworthiness requirements of Part 25 of the Federal Aviation, Regulations.

Original Product – Type Certificate Number: A16WE      Make: The Boeing Company  
Model: 737-700 Series; 737-800 Series; 737-900 Series;  
737-900ER Series

**Description of Type Design Change:**

Installation of Iridium Communications System in accordance with L2 Consulting Services, Inc. Master Drawing List 2322-B43-MDL, Rev. AD, dated January 26, 2013, or later FAA approved revision.

**Limitations and Conditions:**

The installer must determine whether this design change is compatible with previously approved modifications. 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.

(see continuation sheets)

*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: August 28, 2008      Date Reissued: April 17, 2015  
Date of Issuance: December 10, 2008      Date Amended: June 26, 2009; September 1, 2010; January 20, 2011; March 11, 2013; June 2, 2014

*By direction of the Administrator*

*Signature*

\_\_\_\_\_  
Scott A. Horn  
Manager, Fort Worth Aircraft Certification Office  
Southwest Region

*Title*

\_\_\_\_\_

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).

**SUPPLEMENTAL TYPE CERTIFICATE, FAA FORM 8110-2  
(CONTINUED)**

**INSTRUCTIONS:** The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification 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) \_\_\_\_\_

(Address of grantor)

(Number and street) \_\_\_\_\_

(City, State, and ZIP Code) \_\_\_\_\_

**Extent of Authority** (if licensing agreement): \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

*Date of Transfer:* \_\_\_\_\_

*Signature of grantor:* \_\_\_\_\_



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

(Continuation Sheet)

Number: ST10928SC

Date of Issuance: December 10, 2008

Date Amended: June 26, 2009; September 1, 2010; January 20, 2011; March 11, 2013; June 2, 2014

**Limitations and Conditions (continued):**

1. FAA Approved Flight Manual Supplement, L2 Consulting Services, Inc. Document 2322-B43-AFM, Rev. F, Dated March 11, 2013 or later FAA approved revision is required onboard the modified aircraft.
2. Instructions for Continued Airworthiness (ICA), L2 consulting Services, Inc. Document 2322-B43-ICA, Rev. Q, dated January 26, 2013 or later FAA accepted revision must be made available to the operator at the time of installation.

Note: The FAA has reviewed the applicant's assessment showing that this modification does not impact the existing electrical wiring interconnection system instructions for continued airworthiness (EWIS ICA) and found that no additional EWIS ICA tasks are required.

**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 this modification was determined to be:

For the 737-900 Series and 737-900ER Series:

Regulations at the amendment level in TCDS A16WE (25-0 through 25-108)

14 CFR § 25.29(a), 25.301, 25.303, 25.307(a), 25.561(c), 25.581, 25.601, 25.603, 25.605(a),(b), 25.607, 25.609(a), 25.625(a), 25.789(a), 25.1307(c), 25.1351(a), 25.1519, 25.1529, 25.1541, 25.1581, 25.1585

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

14 CFR § 25.611, 25.613(a),(b),(c), 25.869(a)(4), 25.981(a)(3),(d), 25.1301(a), 25.1309(b),(c),(d),(e), 25.1353(a), 25.1357(a),(c), 25.1431(a),(b),(c),(d), 25.1583

Regulation at the latest amendment 26-0 through 26-6

14 CFR § 26.11, 26.47, 26.49

For the 737-700 series and 737-800 Series:

The Certification Basis for this installation is per Type Certification Data Sheet A16WE. Plus the following:

Regulations that meet amendment level 25-87

14 CFR § 25.365(a),(b),(c),(d)

Regulations that meet amendment level 25-96

14 CFR § 25.571(a),(b)

Regulations that meet amendment level 25-102

14 CFR § 25.981

Regulations that meet amendment level 25-105

14 CFR § 25.1583, 25.1585

---

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).

---



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

(Continuation Sheet)

Number: ST10928SC

Date of Issuance: December 10, 2008

Date Amended: June 26, 2009; September 1, 2010; January 20, 2011; March 11, 2013; June 2, 2014

**Certification Basis (continued):**

Regulations that meet amendment level 25-112  
14 CFR § 25.613(a),(b),(c)

Regulations that meet amendment level 25-113  
14 CFR § 25.1353(a),(b),(c),(d), 25.1431(a),(b),(c),(d)

Regulations that meet amendment level 25-121  
14 CFR § 25.1419

Regulations that meet amendment level 25-123  
14 CFR § 25.611, 25.869(a)(4), 25.1301(a), 25.1309(b),(d),(e), 25.1357(a),(c)

Regulations that meet amendment level 26-0  
14 CFR § 25.11

-END-

---

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).

---