

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

Number ST11037SC

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

Original Product Type Certificate Number : T00001SE
Make : The Boeing Company
Model : 777-200 Series; 777-200LR Series; 777-300 Series;
777-300ER Series

Description of Type Design Change: Satellite communication system upgrade in accordance with master drawing list document 2315-B61-MDL, revision A, dated July 28, 2010, or later FAA approved revision. Airplane flight manual supplement B2315-B61-AFM, Revision IR, dated December 14, 2010, or later approved FAA revision, is required.

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 sheet 3 of 4)

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: October 09, 2009

Date reissued:

Date of issuance: December 22, 2010

Date amended:



By direction of the Administrator

(Signature)

S. Frances Cox
Manager, Special Certification Office
Southwest Region

(Title)

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate
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Number ST11037SC
Date of Issuance: December 22, 2010

Certification Basis: Based on 14 CFR §§ 21.115 and 21.101, and FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification was determined to be:

- a. The type certification basis for Boeing Model 777 series airplanes is shown on TCDS T0001SE for parts not changed or not affected by the change.
- b. The certification basis for parts changed or affected by the change since the reference date of applications, March 20, 2001, is based upon part 25 as amended by Amendment 25-129 and 14 CFR part 26.

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:

Regulations at the latest amendment 25-0 through 25-129

14 CFR §§ 25.561 (for -200 and -300), 25.611, 25.613(a)(b)(c), 25.25.1301(a), 25.1309(b)(c)(d)(e), 25.1316(b)(c), 25.1351(a).

Regulations at an intermediate amendment

14 CFR § 25.869(a)4 Amendment 25-113, 25-1353(a)(b)(c) Amendment 25-113

Regulations at the amendment level in TCDS T0001SE

Model 200

14 CFR §§ 25.23(a), 25.25(a), 25.27, 25.301, 25.303, 25.305(a)(b), 25.307, 25.341(c), 25.601, 25.602, 25.605(a), 25.609(a), 25.625(a), 25.789(a), 25.981(a)(b), 25.307(c), 25.1322(b), 25-1355(a), 25-1357(a)(c), 25.1381, 25.1413(a)(b)(c)(d), 25.1519, 25.1529, 25.1541(b), 25.1555, 25.1581, 25.1583, 25.1585

Model 200LR

14 CFR §§ 25.23(a), 25.25(a), 25.27, 25.301, 25.303, 25.305(a)(b), 25.307, 25.341(c), 25-561, 25.601, 25.602, 25.605(a), 25.609(a), 25.625(a), 25.789(a), 25.981(a)(b), 25.307(c), 25.1322(b), 25-1355(a), 25-1357(a)(c), 25.1381, 25.1413(a)(b)(c)(d), 25.1519, 25.1529, 25.1541(b), 25.1555, 25.1581, 25.1583, 25.1585

Model 300

14 CFR §§ 25.23(a), 25.25(a), 25.27, 25.301, 25.303, 25.305(a)(b), 25.307, 25.341(c), 25.601, 25.602, 25.605(a), 25.609(a), 25.625(a), 25.789(a), 25.981(a)(b), 25.307(c), 25.1322(b), 25-1355(a), 25-1357(a)(c), 25.1381, 25.1413(a)(b)(c)(d), 25.1519, 25.1529, 25.1541(b), 25.1555, 25.1581, 25.1583, 25.1585

United States Of America
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Supplemental Type Certificate
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Number ST11037SC
Date of Issuance: December 22, 2010

Certification Basis: (continued)

Model 300ER

14 CFR §§ 25.23(a), 25.25(a), 25.27, 25.301, 25.303, 25.305(a)(b), 25.307, 25.341(c), 25-561, 25.601, 25.602, 25.605(a), 25.609(a), 25.625(a), 25.789(a), 25.981(a)(b), 25.307(c), 25.1322(b), 25-1355(a), 25-1357(a)(c), 25.1381, 25.1413(a)(b)(c)(d), 25.1519, 25.1529, 25.1541(b), 25.1555, 25.1581, 25.1583, 25.1585

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 part 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(c), Amendment No. 26-0.

Note: The FAA has reviewed an assessment for electrical wiring interconnection systems (EWIS) for this modification and found that no additional changes to the existing EWIS instructions for continued airworthiness (ICA) are required.

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