

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

*Number* ST11104SC

*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 :* A20WE  
*Make :* The Boeing Company  
*Model :* 747-400 Series, 747-400F Series

*Description of Type Design Change:* Installation of an Iridium Communications System in accordance with L2 Consulting Services, Inc. Master Drawing List 2325-B66-MDL, Rev. B, dated October 1, 2012, 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 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:* October 20, 2011

*Date reissued:*

*Date of issuance:* October 24, 2012

*Date amended:*



*By direction of the Administrator*

(Signature)

S. Frances Cox  
Manager, Special Certification Office  
Southwest Region

(Title)

United States Of America  
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**Supplemental Type Certificate**  
(Continuation Sheet)

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Date of Issuance: October 24, 2012

*Limitations and Conditions* (Continued):

1. FAA Approved Flight Manual Supplement, L2 Consulting Services, Inc. Document 2325-B66-AFM, Rev. IR, Dated October 22, 2012 or later FAA approved revision is required onboard the modified aircraft.
2. Instructions for Continued Airworthiness (ICA), L2 Consulting Services, Inc. Document 2325-B66-ICA, Rev. IR, Dated September 19, 2012 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:* The Certification Basis for this installation is per Type Certificate Data Sheet A20WE, plus the following:

Regulations that meet amendment level 25-72  
25.29(a), 25.307(a), 25.625(a), 25.1307(c), 25.1351(a), 25.1581

Regulations that meet amendment level 25-102  
25.981(a)(3),(b)

Regulations that meet amendment level 25-105  
25.1583, 25.1585

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

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

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

Regulations that meet amendment level 26-0  
26.11

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