

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

Number ST03381CH

This certificate issued to Gogo LLC
111 N. Canal Street, Suite 1500
Chicago, IL 60606

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. (See Page 3 for complete certification basis)

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

Description of Type Design Change:

Installation of Radome, Equipment and Activation of a KU Band Satellite System in accordance with Standard Aero Master Data List 1026978, Revision (H), dated March 28, 2015 or later FAA approved revision.

Limitations and Conditions:

- 1) The installer must determine whether this design change is compatible with previously approved modifications.
- 2) FAA Approved Airplane Flight Manual Supplement document number 1027258, Rev (B) dated February 20, 2015, or later FAA approved revision is a required part of this modification.
- 3) The aircraft must be maintained in accordance with FAA Approved Instructions for Continued Airworthiness Document U10-0387, revision (A) dated March 12, 2015 or later FAA approved revision in addition to the basic airplane maintenance manuals.
- 4) If the holder agrees to permit another person to use this certificate to alter the product, the holder must give the other person written evidence of that permission.

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 : July 18, 2014

Date reissued : August 3, 2015

Date of issuance : November 12, 2014

Date amended : March 30, 2015

By direction of the Administrator

Original Signed By:
Manzoor H. Javed for

(Signature)

Karol Mordasiewicz
Manager, Airframe and Administrative Branch
Chicago Aircraft Certification Office

(Title)



United States of America
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Supplemental Type Certificate
(Continuation Sheet)

Supplemental Type Certificate Number: ST03381CH

Date of issuance: November 12, 2014

Date of amendment: March 30, 2015

Date of reissue: August 3, 2015

Certification Basis (continued)

Based on 14 CFR §§ 21.15.21.101 and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the The Boeing Company 777-200 Series, 777-200LR Series aircraft installation of Radome, Equipment and Activation of a KU Band Satellite System is as follows:

- a. The type certification basis for The Boeing Company 777-200 Series, 777-200LR Series is shown on TCDS T00001SE 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 application, July 18, 2014, is based upon TCDS T00001SE. 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 amendment level in TCDS T00001SE

25.1(a, b), 25.111(a-e)(25-72), 25.111(a-e)(25-94), 25.113(a, b)(25-23), 25.113(a-c)(25-92), 25.115(a-c)
25.115(a-c)(25-92), 25.117, 25.119(a, b), 25.119(a, b)(25-94), 25.121(a-d), 25.121(a-d)(25-84), 25.123(a-c)
25.251(a-e)(25-77), 25.301(a-c)(25-23), 25.303(25-23), 25.305(a, b, e)(25-77), 25.305(a, b, e)(25-86)
25.307(a)(25-72), 25.321(a, b)(25-23), 25.321(a-d)(25-86), 25.331(a-d)(25-72), 25.331(a-c)(25-91)
25.333(a-c), 25.333(a, b)(25-86), 25.335(a-f)(25-23), 25.335(a-d)(25-91), 25.337(a-d)(25-23)
25.341(a-c)(25-72), 25.341(a)(25-86), 25.349(a, b)(25-23), 25.349(a, b)(25-94), 25.351(a, b)(25-72)
25.351(a, b)(25-91), 25.365(a-f)(25-72), 25.365(a-f)(25-87), 25.561(c, d)(25-64), 25.561(c, d)(25-91)
25.571(a, b, d)(25-72), 25.571(a, b, d)(25-96), 25.571(e1)(25-132), 25.601, 25.603(a-c)(25-46)
25.605(a)(25-46), 25.607(a-c)(25-23), 25.609(a, b), 25.611(25-23), 25.613(a-e)(25-72)
25.619(a-c)(25-23), 25.625(a-c)(25-72), 25.629(a, b1)(25-77), 25.789(a)(25-46), 25.841(a, b)(25-38)
25.841(b)(25-87), 25.901(c)(25-46), 25.903(c)(25-73), 25.903(c)(25-94), 25.1301(a-d), 25.1307(c)(25-72)
25.1309(b, d, g)(25-41), 25.1353(a)(25-42), 25.1357(a-g), 25.1419(a)(25-72), 25.1431(a, c)
25.1501(b)(25-42), 25.1519, 25.1529(25-54), 25.1557(a-d)(25-72), 25.1581(a-d)(25-72), 25.1583(c)(25-72)
25.1585(a)(25-46), 25.1587(b)(25-72).

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), (Amdt. No, 26-0), 26.47(C1), (Amdt. No, 26-1).

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