

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

*Number* ST11056SC

*This certificate issued to* PATS Aircraft 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 therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.* (See Type Certificate Data Sheet No. T00001SE and Page 3 for complete certification basis)

*Original Product -- Type Certificate Number :* T00001SE  
*Make :* Boeing  
*Model :* 777-200 Series

*Description of Type Design Change:*

Installation of an Aircell Broadband System with Ku-Band Satellite system in accordance with Gogo Master Data List, Document Number D12525-20420, Revision P, dated February 25, 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. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.
3. FAA Approved Airplane Flight Manual Supplement in accordance with Gogo Document Number D12443-20420, Revision A, dated February 28, 2014 or later FAA approved revision is required on board the modified aircraft.
4. FAA approved Instructions for Continued Airworthiness as identified in Gogo Document Number D12454-20420, Section 4 Airworthiness Limitations, Revision F, dated February 25, 2015, FAA approved March 2, 2015 or later FAA approved revision is required for this modification.

*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 :* June 6, 2013

*Date reissued :* July 7, 2015; October 19, 2015

*Date of issuance :* February 28, 2014

*Date amended :* December 9, 2014, March 2, 2015



*By direction of the Administrator*

(Signature)

Steven L. Lardinois  
Manager, Systems and Flight Test Branch  
Chicago Aircraft Certification Office

(Title)

United States of America  
Department of Transportation - Federal Aviation Administration  
**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* ST11056SC

*Date of Issuance:* February 28, 2014

*Date Reissued:* July 7, 2015; October 19, 2015

*Certification Basis: (continued)*

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 the modified Boeing Models 777-200 series is as follows:

- a. The type certification basis for the Boeing Models 777-200 series aircraft is shown on TCDS T00001SE for parts not changed or not affected by this change.
- b. The certification basis for the parts changed or affected by this change since the reference date of application, August 25, 2014, is based upon part 25 as amended by Amendment 25-126 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 were determined to be:

*Regulations at the latest amendment 25-0 through 25-130*

14CFR 25.111, 25.119, 25.305(a)(b)(e), 25.365 (a)(b)(d)(e), 25.561(a)(b), 25.613(a)(b)(c), 25.841, 25.853(a), 25.903(c), 25.981(a)(3)(b), 25.1309(a)(b)(d)(e), 25.1353(a)(c), 25.1357(a)(c)(d)(e), 25.1419(a), 25.1583(h), and 25.1585(a).

*Regulations at an intermediate amendment*

25.121 (amd. 25-84), 25.125 (amd. 25-84), 25.571(e)(1) (amd 25-54), 25.869(a)(4) (amd 25-113), and 25.1431(a)(c) (amd. 25-113).

*Regulations at the latest amendment 26-0 through 26-3*

26.11(c), 26.47(c).

*Equivalent safety findings exist with respect to the following regulations -*

- a. 14 CFR 25.251 – Vibration and Buffeting

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