

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

*Number* ST03368CH

*This certificate issued to*

Gogo LLC  
1250 N. Arlington Heights Road  
Itasca, IL 60143

*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 Page 3 of 3 for complete certification basis.)*

*Original Product -- Type Certificate Number:* A1NM

*Make:* The Boeing Company

*Model:* 767-300 Series

*Description of Type Design Change:*

Installation of an Aerosat HR6400 RF Subsystem to the Aircell Broadband Services (ABS) System on Boeing 767-300 Series Aircraft with Gogo Master Data List, Doc. No. D12525-20301, Revision V, dated July 1, 2014, 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, Gogo Doc. No. D12443-20301, Revision A, approved July 10, 2013, or later FAA approved revision is required as part of this STC.
- 3) 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.

(Limitations and Conditions continued on page 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:* January 3, 2012

*Date reissued:*

*Date of issuance:* July 22, 2014

*Date amended:*



*By direction of the Administrator*

**Original Signed By:**  
**Steven L. Lardinois**

(Signature)

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

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

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

*Number* ST03368CH

*Date of issuance:* July 22, 2014

*Certification Basis:* (continued)

The certification basis for the changed Boeing 767-300 Series aircraft as described in this certificate is as follows:

- a. The type certification basis for the Boeing 767-300 Series aircraft is shown on TCDS A1NM 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, January 3, 2012, is based upon TCDS A1NM with changes as shown below.

**14 CFR Part 25 Regulations at the latest amendment 25-0 through 25-119**

25.29(a)-(b); 25.251(a)-(e); 25.301(a)-(b); 25.303; 25.305(a)-(b),(e); 25.307(a); 25.365(a)-(f); 25.561(c)-(d); 25.571(a)-(b),(e)(1); 25.581(a)-(c); 25.601; 25.603(a)-(c); 25.605(a); 25.609(a)-(b); 25.611; 25.613(a)-(b); 25.619 (a)-(c); 25.625(a); 25.629; 25.787(a)(b); 25.789(a); 25.853(a); 25.869(a); 25.901(c); 25.903(c); 25.981(a); 25.1301(a)-(d); 25.1307(c); 25.1309(a),(b),(d),(g); 25.1351(a); 25.1353(a)-(d); 25.1357(a),(c),(g); 25.1401(a)(b); 25.1419(a); 25.1431(a),(c),(d); 25.1501(a)-(b); 25.1529; 25.1541(a)(b); 25.1581(a)-(b),(d); 25.1585(a)-(b).

**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(c) [Amdt. No. 26-1].

*Limitations and Conditions* (Continued):

- 4) In addition to the basic aircraft maintenance manuals, the aircraft must be maintained in accordance with Airworthiness Limitations contained in the Instructions for Continued Airworthiness, GoGo Doc. No. D12454-20301, Revision F, Chapter 4, FAA approved on July 21, 2014, or later FAA approved revision.
- 5) In accordance with FAA Seattle Aircraft Certification Office letter dated May 19, 2014 [Refer to 120S-14-253], this modification is FAA approved as an Alternative Method of Compliance (AMOC) to the requirements of paragraph (c) of Airworthiness Directive (AD) 2003-18-10.
- 6) An Equivalent Level of Safety Finding (ELOS) has been made for the following regulation(s):  
§ 25.251(b), Vibration/Buffering Compliance Criteria (documented in Transport Airplane Directorate ELOS Memo SA8072CH-T-F-1).

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