



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

Number: ST04192AT

This certificate issued to: DER Services, Inc.,  
3836 St. Lucie Blvd.  
Fort Pierce, FL 34946

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.

Original Product – Type Certificate Number: A20WE      Make: Boeing  
Model: 747-8 MSN 42096

Description of Type Design Change: Install a chandelier into Boeing 747-8 MSN 42096 only in accordance with DER Services Master Document List MDL-A2013-045-1 Revision D dated November 21, 2014 or later FAA approved revision.

*Limitations and Conditions:*

1. This STC is eligible for installation on Boeing 747-8 MSN 42096 as modified in accordance with STC ST02423SE concurrently or previously to the installation of this STC.
2. The installer must determine whether this design change is compatible with previously approved modifications.

(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, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of Application: January 9, 2014

Date Reissued:

Date of Issuance: January 6, 2015

Date Amended:

By Direction of the Administrator

Signature \_\_\_\_\_

Title      Melvin D. Taylor, Manager  
Atlanta Aircraft Certification Office

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Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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*Supplemental Type Certificate*

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification Office of the transfer of this Supplemental Type Certificate. The FAA will reissue the certificate in the name of the transferee and forward it to him.

*Transfer Endorsement*

*Transfer the ownership of Supplemental Type Certificate Number:*

**To** (Name and address of transferee)

**From** (Name and address of grantor)

Extent of Authority (if licensing agreement):

*Date of transfer:*

*Signature of grantor:* \_\_\_\_\_

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# Supplemental Type Certificate

(Continuation Sheet)

Number: ST04192AT

Date of Issuance: January 6, 2015

Date Amended:

*Limitations and Conditions (Continued):* "

- 3. 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.
- 4. For maintenance and inspections, apply DER Services Instructions for Continued Airworthiness SR-A2013-045-5, Revision C, dated December 5, 2014, or later FAA accepted revisions.

*Certification Basis:*

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, for the Boeing 747-8 MSN 42096, the Certification Basis is as follows:

- a. The type certification basis for Boeing Model 747-8 airplanes is shown on TCDS A20WE as supplemented by STCs ST02423SE, ST11182SC, ST11183SC and ST11184SC 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, January 9, 2014, is based upon part 25 as amended by amendment 25-137. 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:

**Regulations at the latest amendment 25-0 through 25-137:**

§§25.301, 25.303, 25.305(a)(b)(1), 25.307(a), 25.341, 25.601, 25.603, 25.605, 25.609, 25.613, 25.853(a), 25.1301(a), 25.1309(a), 25.1351(a), 25.1353(a)(b), 23.1357(a), 25.1360(a), 25.1431(a)(c), 25.1529, 25.1541(a)(1)(2)(b)(1)(2)

**Regulations at the amendment level in TCDS A20WE:**

§25.561

**Regulations an intermediate amendment level:**

None

*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 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 (Amdt 26-0).

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