

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

Number ST01912LA

This Certificate issued to Global Supertanker Services, LLC
18200 Phantom West
Victorville, California 92394

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 and 26 of the Federal Aviation Regulations. Certification basis is set forth on continuation page.

Original Product Type Certificate Number: A20WE

Make: The Boeing Company

Model: 747-100 Series, 747-200C Series and 747-400 Series

Description of Type Design Change: Installation and removal of internal tanks, associated systems and support structure for the aerial dispersant of liquids in accordance with FAA Approved US Technical Index List U14-0022, Revision A, dated October 13, 2008, or later FAA approved revision.

For the 747-400 series airplanes, Installation of internal tanks and associated systems and support structure in accordance with Adaptive Aerospace Master Drawing List (MDL) 15VLAT01, Revision "--", dated July 6, 2016, or later Federal Aviation Administration (FAA) approved revision. Maintained in accordance with Adaptive Aerospace Supplemental Instructions for Continued Airworthiness (ICA) 15VLAT01-ICA, Revision B, dated July 7, 2015, or other FAA accepted ICA. Operated in accordance with Adaptive Aerospace Airplane Flight Manual Supplement (AFMS) 15VLAT01-AFM, Revision "IR", dated June 22, 2016, or later FAA approved revision.

(Description of Type Design Change Continued on Page 3 of 3)

Limitations and Conditions: The installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft.

(Limitations and Conditions Continued on Page 3 and of 3 and Page 4 of 4)

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: August 13, 2003

Date reissued: September 4, 2015

Date of issuance: October 27, 2006

Date amended: October 22, 2008; July 25, 2016

By direction of the Administrator



(Signature)

Manager, Airframe Branch
Los Angeles 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.

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NOTE:

DO NOT DELETE THIS PAGE.

DO NOT ADD ANY DATA TO THIS PAGE.

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Description of Type Design Change (continued):

For the 747-200C series airplanes, removal of internal tanks and associated systems and support structure in accordance with FAA Approved Drawing 747ST003, Revision B, dated October 24, 2006, or later FAA Approved revisions.

Limitations and Conditions (continued):

- 747-400 Series Passenger Airplane has been modified in accordance with FAA Approved Boeing Service Bulletin 747-00-2004 to operate in a Freighter Configuration
- For the 747-400 series airplanes, the airframe inspection intervals defined in report 15VLAT01-SSID must be followed.
- For the 747-200 series airplanes, the airframe inspection intervals defined in report 747ST128-SSID must be followed after the re-installation of the system as defined in 747ST002-503. Prior to the re-installation, the existing airframe inspections in Boeing document D6-35022 are to be followed.
- For the 747-100 series airplane, the airframe inspection intervals defined in report 747ST128-SSID must be followed.
- The following components must be replaced after 300 flight hours:
747ST710-1
747ST710-3
- The approval of this modification applies to the above noted airplane model series only. A copy of this STC must be included in the permanent records of the modified airplane.
- The modification may not be installed after August 30, 2010 unless:
 - 1) Previously approved electrical wiring interconnection system (EWIS) instructions for continued airworthiness (ICA) have been evaluated and determined to be adequate for this installation by the FAA, or
 - 2) Revised EWIS ICA have been approved by the FAA Oversight Office. (Reference § 26.11)

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A copy of this certificate, the ICA and the AFMS must be maintained as part of the permanent records for the modified aircraft.

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.

Certification Basis:

The certification basis for the design change to the Boeing 747-100 series, 747-200C series airplanes and 747-400 series is as follows: The type certification basis for Boeing Model 747-100 series, 747-200C series and 747-400 series airplanes shown on TCDS A20WE, 14 CFR part 25 dated February 1, 1965, as amended by amendments 25-1 through 25-112, 14 CFR part 26.11 and 26.47.

This modification has been determined/demonstrated not to increase the noise level and is not considered an "acoustical change" as defined in 14 CFR 21.93(b), amendment 21-81.

-END-

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