

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

Number ST01870LA

This Certificate issued to 10 Tanker-STC, LLC
3201 University Blvd., SE, Suite 102
Albuquerque, New Mexico 87106

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. *Certification basis is set forth in Type Certificate Data Sheet A22WE*

Original Product Type Certificate Number: A22WE

Make: McDonnell Douglas

Model: DC-10-10 and DC-10-30

Description of Type Design Change: Installation of an external tank, associated systems and support structure for the aerial dispersant of liquids in accordance with FAA Approved Master Data List Report 2450, Revision T dated March 1, 2006 or later FAA approved revision. FAA Approved Airplane Flight Manual Supplement Report 2594 dated March 16, 2006 or later FAA Approved Revision is required as part of this modification.

Limitations and Conditions: Aircraft with this STC installed are not approved for flight into known icing 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.

(Continued on Page 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: October 6, 2003

Date reissued: October 7, 2009;
May 19, 2014

Date of issuance: March 17, 2006

Date amended: June 27, 2006,
November 14, 2008

By direction of the Administrator



(Signature)

Supervisor, Technical & Administrative
Support Branch
Los Angeles Aircraft Certification Office

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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Supplemental Type Certificate
(Continuation Sheet)

NOTE:

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DO NOT ADD ANY DATA TO THIS PAGE.

THIS PAGE IS FOR PAGE NUMBERING PURPOSES,
PLEASE DISCARD PRINTED COPY.

Number (STC No.)

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Supplemental Type Certificate

(Continuation Sheet)

Number ST01870LA

Limitations and Conditions (continued):

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 aircraft.

For the DC-10-10 installation:

DC-10-10 Tanker Weight and Balance Report, 2583 Revision A dated February 13, 2006 or later FAA approved revision and Aircraft Technical Services Report 2547 Revision B, Instructions for Continued Airworthiness dated February 28, 2006 or later FAA Approved revision are required as part of this modification

For the DC-10-30 installation:

DC-10-30 Tanker Weight and Balance Report 2747, Revision NC dated August 14, 2008 or later FAA approved revision and Aircraft Technical Services Report 2547 Revision G, Instructions for Continued Airworthiness dated September 10, 2008 or later FAA approved revision are required as part of this modification

This modification may not be installed after August 30, 2010 unless:

- 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,
- Revised EWIS ICA have been approved by the FAA Oversight Office. (Reference § 26.11)

Certification Basis:

The certification basis for the design change to the McDonnell Douglas Model DC-10-10 is as follows:

- The type certification basis for McDonnell Douglas Model DC-10-10 airplanes shown on TCDS A22WE, §25 dated February 1, 1965 as amended by amendments 25-1 through 25-22; and §26.11 and §26.47
- In addition, an Equivalent Level Of Safety finding was made to §25.1323(c) as documented in Transport Airplane Directorate Memo ST10715LA-T-F-1; and,

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

Prior to the removal of this STC, the mandated inspection intervals and thresholds must be evaluated by the LA ACO.

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.

-END-

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