

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

Number ST00078LA

This Certificate issued to Northrop Grumman Systems Corporation
21240 Burbank Blvd.
Woodland Hills, CA 91367-6675

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.*
(For Certification Basis see T. C. Data Sheet No. A22WE.)

Original Product Type Certificate Number: A22WE

Make: The Boeing Company

Model: DC-10-30

Description of Type Design Change: Installation of Litton Triple LTN-92 Inertial Navigation Systems (INS) and Dual LTN-2001 Global Positioning Sensors (GPS) in accordance with FAA approved Top Installation Drawing No. 454050-11, Revision "N/C", dated September 19, 1994, and Top Installation Drawing No. 454050-09, Revision "B", dated February 3, 1995, or later FAA approved revision of these drawings.

Litton Airplane Flight Manual Supplement, Document No. 464233, Revision "N/C", FAA approved on April 27, 1995, or later FAA approved revision, is required as part of this installation.

Limitations and Conditions: The approval of this modification applies to the above noted aircraft model series only. This approval should not be extended to other specific aircraft of this model series on which other approved modifications are incorporated unless it is determined that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of the 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.

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 14, 1994

Date reissued: March 30, 2015, February 22, 2016

Date of issuance: April 27, 1995

Date amended:

By direction of the Administrator



(Signature)

Supervisor, Technical & Administrative Support Staff
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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(Continuation Sheet)

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