



NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

January 30, 2015

Group Chairman's Factual Report

STRUCTURES

DCA13MA081

Attachment 15

**Federal Aviation Administration
Supplemental Type Certificate ST00459LA**

Supplemental Type Certificate

Number ST00459LA

This Certificate issued to Telair International, Inc.
2665 Park Center Drive, Unit D
Simi Valley, California 93065

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

Original Product Type Certificate Number: A20WE

Make: Boeing

Model: B747-200B, -300, -400 and -400F Series

Description of Type Design Change: Installation of Cargo Handling Systems, Main Deck, in accordance with FAA Approved Telair International Index List ER193100, Revision "N/C", dated October 21, 1997, or later FAA approved revisions.

Limitations and Conditions: The modification as defined by FAA Approved Master Data List MDL 193100-40X, Revision B, dated April 15, 2008, or later FAA approved revision, may not be installed after June 7, 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 Los Angeles Aircraft Certification Office (Refer to § 26.11). 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. 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. 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. (See Continuation Sheet for further Limitations and Conditions).

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 15, 1997

Date reissued: March 9, 2005; January 12, 2012

Date of issuance: November 21, 1997

Date amended: April 24, 2001;
January 11, 2007; June 23, 2008



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.

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

NOTE:

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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.

Supplemental Type Certificate

(Continuation Sheet)

Number ST00459LA

Limitations and Conditions (Continued)

Note 1: Only eligible for installation on Boeing 747-200B that has been modified by Boeing STC SA2727CE-D and concurrently with ANCRA STC SA5014NM configuration 82000-35.

Note 2: Only eligible for installation on Boeing 747-300 Series that has been modified by Boeing to be a full freighter per STC ST00889WI-D.

Note 3: Only eligible for installation on Boeing 747-400 Series that has been modified from passenger to Boeing 747-SF (Special Freighter) per Section XIII of Type Certificate Data Sheet A20WE.

Note 4: Only eligible for installation on 747-400 Series that has been modified to a 747-400 Boeing Converted Freighter with a Telair 193100-33X Main Deck Cargo Loading System installed.

- END -

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