

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

Number **ST02147LA**

This Certificate issued to **BE Aerospace
3355 East La Palma Avenue
Anaheim, California 92806**

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 on continuation sheet 3.*

Original Product Type Certificate Number: T00001SE

Make Boeing

Model 777-200 Series

Description of Type Design Change: Installation of B/E Aerospace Air Chiller P/N 470-1 in accordance with B/E Aerospace Master Data List ECS470-27, Revision B, dated May 22, 2008, or later FAA approved revision.

Limitations and Conditions: This approval is limited to airplanes modified in accordance with C&D Zodiac STC ST02144LA. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any of those previously approved modifications will not introduce any adverse effect upon the airworthiness of that aircraft. A copy of this STC must be included in the permanent record 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.

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: February 14, 2007

Date reissued: October 30, 2008; November 4, 2008; January 12, 2009

Date of issuance: May 29, 2008

Date amended:



By direction of the Administrator

(Signature)
Manager, Cabin Safety/Mechanical and
Environmental Systems 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.

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional 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 of transferee)* _____

(Address of transferee) _____
(Number and street)

_____ *(City, State, and ZIP Code)*

from *(Name of grantor) (Print or type)* _____

(Address of grantor) _____
(Number and street)

_____ *(City, State, and ZIP Code)*

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor *(In ink)*: _____

Supplemental Type Certificate

(Continuation Sheet)

Number **ST02147LA**

Date of Issuance: May 29, 2008
Date Reissued: October 30, 2008;
November 4, 2008; January 12, 2009

Certification Basis

Based on 14 CFR §§ 21.115 and 21.101 for non-significant change to the type design, the certification basis elected by the STC holder for the installation of the B/E Aerospace Air Chiller P/N 470-1 on Boeing 777-200 Series Airplanes is as follows:

- a. The type certification basis for the Boeing 777-200 Series is shown on TCDS T00001SE for parts **not changed or not affected** by the change.
- b. The certification basis for parts **changed or affected** by this change as of the reference date of application, February 7, 2008, is based upon part 25 as amended by Amendment 25-116. Based on 14 CFR §§ 21.115 and 21.101, the certification basis for this modification was elected to be:

Regulations at the latest amendment 25-0 through 25-116

25.23(b), 25.29(b), 25.301, 25.303, 25.305(a), 25.307(a), 25.561(a)(b)(c), 25.601, 25.603, 25.605, 25.609, 25.611, 25.613, 25.619, 25.625, 25.789(a), 25.853(a), 25.869(a)(4), 25.1301, 25.1309(a)(b)(d)(g), 25.1351(a), 25.1353(a), 25.1431(a)(c), 25.1529, 25.1541, Appendix F.

Regulations at the amendment level in TCDS T00001SE

25.23(b), 25.29(b), 25.301, 25.303, 25.307(a), 25.601, 25.603, 25.605, 25.609, 25.611, 25.613, 25.619, 25.625, 25.789(a), 25.1301, 25.1309(a)(b)(d)(g), 25.1529, & 25.1541.

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