

United States of America  
Department of Transportation -- Federal Aviation Administration  
**Supplemental Type Certificate**  
*Number* ST03387AT

*This certificate issued to* Pemco World Air Services, Inc.  
4102 N. Westshore Blvd.  
Tampa, FL 33614

*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.*

*Original Product-Type Certificate Number* A16WE  
*Make :* Boeing  
*Model :* 737-400

*Description of Type Design Change:* Conversion of an all passenger configuration to a combination passenger and cargo (Combi) configuration in accordance with Pemco World Air Services, Inc. Master Data List (MDL) Report No. 4000 Revision A dated January 17, 2007 or later FAA approved revision.

*Limitations and Conditions:*

1. Airplane Flight Manual Supplement (AFMS) Pemco Report No. P03-003FM Revision 6, dated January 30, 2007 or later FAA approved revision is a required part of this STC.
2. Instructions for Continued Airworthiness (ICA) Pemco Report No. 2917 Revision G dated August 15, 2011 or later FAA accepted revision is a required part of this STC, and must be incorporated into the operator's maintenance program.

(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*

*Date of application :* March 30, 2005

*Date reissued :* August 20, 2012, August 31, 2012

*Date of issuance :* January 30, 2007

*Date amended :* May 16, 2012



*Federal  
Aviation  
Administration*  
n.

*By direction of the Administrator*

(Signature)

Melvin D. Taylor  
Manager, Atlanta Aircraft Certification Office

(Title)

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.

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### 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)*: \_\_\_\_\_

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

*Number* ST03387AT

Date of Issuance : January 30, 2007

Date Reissued : August 31, 2012

Date Amended : May 16, 2012

*Limitations and Conditions (Continued):*

3. Goodrich Corporation Fire Detection/Suppression (Class "C") system must be incorporated in accordance with STC ST00248BO as part of approval for the installation of this STC.

4. Pemco World Air Services Main Cargo Door Installation must be incorporated in accordance with STC SA2969SO as part of approval for the installation of this STC.

5. Ancra International LLC Cargo Handling System (CHS) STC ST01953LA is approved for installation on Boeing 737-400 airplanes converted to Combi configuration in accordance with this STC. Any other Cargo Handling System (CHS) to be installed must meet the requirements of Pemco Report No. 3045 Summary of Design Loads for Analysis of 737-400 CHS Revision R dated May 3, 2012 or later FAA approved revision.

The compatibility of this design change with other previously approved modification(s) must be determined by the installer. 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:*

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Boeing Model 737-400 series passenger to Combi is as follows:

- a. The type certification basis for Boeing Model 737-400 airplanes is shown on TCDS A16WE for parts **not changed or not affected** by the change.
- b. The certification basis for parts **changed or affected** by the change since the reference date of application of the latest amendment, February 16, 2012, is based upon part 25 as amended by amendment 25-135. Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification was determined to be:

**14 CFR Part 25 Regulations**

**Regulations at the latest amendment 25-0 through 25-135**

25.1, 25.23, 25.29, 25.303, 25.561, 25.571, 25.601, 25.603, 25.605, 25.607, 25.609, 25.613, 25.619, 25.625, 25.787\*, 25.789, 25.793, 25.815, 25.817, 25.820, 25.832, 25.843, 25.851(a)(b), 25.854, 25.867(c), 25.858, 25.1301, 25.1309, 25.1351(a), 25.1355, 25.1357(a), 25.1411(a)(b), 25.1438, 25.1441, 25.1443, 25.1445, 25.1519, 25.1529, 25.1541, 25.1557(a)(e), 25.1561, 25.1581

\* For 25.807, the latest amendment level applies to the upper deck Class C compartment only.

**Regulations at an intermediate amendment**

25.21(Amdt 25-42), 25.25(Amdt 25-23), 25.611(Amdt 25-23), 25.855(Amdt25-116), 25.869(a)(Amdt 25-113), 25.1322(Amdt 25-38), 25.1353(a)(b)(c)(Amdt 25-113), 25.1583(c)(Amdt 25-105)

**Regulations at the amendment level in TCDS A16WE**

25.301, 25.303, 25.307, 25.785, 25.787\*\*, 25.791, 25.803, 25.807, 25.809, 25.811, 25.812, 25.813, 25.831, 25.841, 25.853, 25.1439, 25.1447

\*\* For 25.807, the amendment level of TCDS A16WE applies to the passenger cabin area only.

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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.