

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate
Number SA2968SO

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 : 737-200/-300/-400

Description of Type Design Change: Modification of floor in accordance with Pemco World Air Services, Inc. Master Data List (MDL), Report No. 2316 Revision P dated June 18, 2013, or later FAA approved revision.

Limitations and Conditions:

1. Instructions for Continued Airworthiness (ICA), Pemco Report 2917 Revision L dated August 14, 2013 or later FAA approved revision, is part of this STC, and must be incorporated into the operator's maintenance program.

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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 05, 1989

Date reissued : June 29, 1998; November 5, 1999;
April 2, 2003; October 24, 2006;
August 20, 2012; August 31, 2012

Date of issuance : June 20, 1991

Date amended: February 17, 1994; May 1, 2003;
June 23, 2006; November 18, 2011;
September 30, 2013



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.

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)*: _____

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Date of Issuance: June 20, 1991

Date Reissued :

Date Amended : September 30, 2013

Limitations and Conditions (Continued):

2. Boeing 737-200 Weight and Balance Control and Loading Manual Supplement, Pemco Report No. P03-132WB Revision 1 dated April 5, 1994 or later FAA approved revision is a required part of this STC.
3. Weight and Balance Control and Loading Manual Supplement for Boeing 737-300 Series Airplane Quick Change and Freighter, Pemco Report No. P03-004WB Revision 13 dated May 17, 2006 or later FAA approved revision is a required part of this STC.
4. Weight and Balance Control and Loading Manual Supplement for Boeing 737-400 Series Airplane, Pemco Report No. P03-212WB Revision 26 dated September 19, 2013 or later FAA approved revision is a required part of this STC.

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 freighter 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, January 17, 2011, is based upon part 25 as amended by amendment 25-132. 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 25-117

25.1, 25.23, 25.487, 25.495, 25.503, 25.507, 25.511, 25.561, 25.601, 25.603, 25.605, 25.607, 25.609, 25.611, 25.613, 25.619, 25.623, 25.625, 25.793, 25.855, 25.857, 25.1529, 25.1583

Regulations at an intermediate amendment

None

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Date of Issuance: June 20, 1991

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Date Amended : September 30, 2013

Certification Basis (Continued):

Regulations at the amendment level in TCDS A16WE

25.301, 25.303, 25.305, 25.307, 25.321, 25.331, 25.335, 25.337, 25.341, 25.349, 25.351,
25.365, 25.471, 25.473, 25.479, 25.481, 25.483, 25.485, 25.489, 25.491, 25.493, 25.499,
25.509

14 CFR Part 26 regulations

Based on 14 CFR § 21.101(g), applicable provisions of 14 CFR Part 26 are included in the certification basis. For any future 14 CFR 26 amendments, the holder of this STC must demonstrate compliance with the applicable sections. As of the issuance date of this STC, compliance has been found for the following regulations:

26.11 (Amdt 26-0), 26.47 (Amdt 26-1).

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