

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

Number **ST01895SE**

This certificate, issued to

**Jamco America, Inc.
1018 80th Street SW
Everett, WA 98203**

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 and 26 of the Federal Aviation Regulations.

Original Product—Type Certificate Number: A20WE
Make: Boeing
Model: 747-400 Series

Description of the Type Design Change: Installation of interior reconfiguration in accordance with Jamco America, Inc. Master Drawing List (MDL) MDL1615-1, Revision E, dated February 7, 2014, or later Federal Aviation Administration (FAA) approved revision.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft of this model series unless the installer determines that the relationship between this change and any other previously incorporated approved modifications will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this certificate and Jamco America, Inc. MDL MDL1615-1 must be maintained as part of the permanent records for 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 Page 3 of 3 Pages)

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: December 1, 2010

Date reissued:

Date of issuance: January 22, 2012

Date amended: March 7, 2014; March 10, 2014



By direction of the Administrator

(Signature)

ODA Lead Administrator, Jamco America, Inc,

(Title)

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

This certificate may be transferred in accordance with FAR 21.47.

Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number **ST01895SE**

Jamco America, Inc.

Issued: January 22, 2012

Reissued:

Amended: March 7, 2014; March 10, 2014

Limitations and Conditions continued:

Airplane Flight Manual Supplement, document AFM1615-1, Rev. 1, dated August 17, 2011, or later FAA approved revision, must be made available to the operator at the time of installation.

Supplemental Instructions for Continued Airworthiness (ICA), Document Number ICA1615-1, Revision 3, dated January 6, 2014, were developed in accordance with FAA Advisory Circular (AC) 25-27A and have been found to comply with the requirements of Title 14 Code of Federal Regulations (CFR) section (§) 26.11(c). This document, or later FAA-approved revision, must be made available to the operator at the time of installation.

STC ST02152LA, installation of inflatable lap belts, must be installed concurrently with this modification.

STC ST02002LA-D, installation of closet assemblies, must be installed concurrently with this modification.

STC ST02887NY-D, installation of an in-flight entertainment system, must be installed concurrently with this modification.

Delta Air Lines Engineering Authorization 2500-01115, installation of curtains in accordance with drawing 25-5236, must be installed concurrently with this modification.

Delta Air Lines Engineering Authorization 2523-01032, installation of carpet in accordance with drawing 25-5188, must be installed concurrently with this modification.

This STC removes previously installed IFE cutoff switch and install additional wiring and switching logic and modify the airplane architecture to identically match the functionality provided in SB 747-24-2246, Revision 1, dated February 18, 2010. This modification is approved as an AMOC to paragraph (f) of AD 2009-15-12. Approval of this AMOC is documented in FAA Letter 130S-11-287, dated October 14, 2011.

This STC installs new BMS13-48, BMS13-60 or BMS13-58 wires which in some areas the wire separation requirement defined by AWL No. 28-AWL-08 cannot be met. This installation is approved as an AMOC to paragraph (g)(3) of AD 2008-10-06R1. Approval of this AMOC is documented in FAA Letter 140S-11-296, dated August 29, 2011.

Certification Basis:

The certification basis for this modification is based upon 14 CFR part 25 and 26 amendment level as specified in Type Certificate Data Sheet (TCDS) A20WE, except for those regulations listed below, for which compliance was demonstrated to a later amendment level than specified in TCDS A20WE:

§25.571(a)(b)	Amdt. 25-45	§25.1351(a)(b)(3)	Amdt. 25-72
§25.812(a)(1)(e)(i)(l)(1)(2)(3)	Amdt. 25-88	§25.1353(a)(b)(d)	Amdt. 25-113
§25.853(a)(c)(d)(e)(f)(g)	Amdt. 25-116	§25.1431(a)(c)(d)	Amdt. 25-113
§25.869(a)(1)(4)	Amdt. 25-113	§25.1583(c)(1)(2)(3)	Amdt. 25-105
§25.1307(c)	Amdt. 25-72	§25.1585(a)	Amdt. 25-105

For any future part 26 amendment, the holder of this STC must demonstrate compliance with the applicable sections.

The following FAA Special Conditions are applicable to this modification:

25-368-SC, Boeing Model 747 Series Airplanes; Seats With Non-Traditional, Large, Non-Metallic Panels

Equivalent Safety Findings have been made for the following regulation(s):

§ 25.791 as documented in FAA Policy Memorandum No. PS-AMN-03-115-05

§ 25.561(b)(3)(ii) as documented in FAA ELOS Memorandum No. TD6633SE-T-C-1

§ 25.785(c) as documented in Jamco Letter JODA-11-277 with FAA Action Stamp Approval AS/150S/11/2055

§ 25.561, 25.601, 25.785(c) and 25.789 as documented in FAA Issue Paper, Emergency Landing Conditions for Video Monitor in Deployed Position, dated 10/2/2012

No exemptions are applicable to this modification.

- END -

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