

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

Number **ST02114SE**

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: 747-400F Series

Description of the Type Design Change: Installation of interior reconfiguration in accordance with Jamco America, Inc. Master Drawing List (MDL) MDL1949-1, Revision A, dated March 22, 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 MDL1949-1 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: September 24, 2013

Date reissued:

Date of issuance: March 23, 2014

Date amended:



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.

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 them.

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)*:

Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number **ST02114SE**

Jamco America, Inc.

Issued: March 23, 2014

Reissued:

Amended:

Limitations and Conditions continued:

Airplane Flight Manual Supplement, document AFM1949-1, Revision 5, dated March 22, 2014, 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 ICA1949-1, Revision 0, dated February 4, 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 ST02105SE-D, installation of interior modification, must be installed prior to this modification.

This STC installs external skin doublers and triplers reinforcement at locations where repetitive external inspection requirement defined by paragraph (g) of AD 2013-23-15 cannot be performed. This installation is approved as an AMOC to paragraph (g) of AD 2013-23-15. Approval of this AMOC is documented in FAA Letter 120S-14-172, dated March 18, 2014.

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-11-202c, dated August 3, 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:

§25.783(j)	Amdt. 25-54	§25.869(a)(1)(4)	Amdt. 25-72
§25.810(a)(2)(ii)	Amdt. 25-72	§25.899(-)	Amdt. 25-123
§25.811(a)(b)(c)(d)(e)(f)(g)	Amdt. 25-88	§25.1423(a)(c)(d)(e)	Amdt. 25-79
§25.812(a)(b)(1)(c)(d)(e)(h)(i)(j)(k)(l)(1)(2)(3)	Amdt. 25-116	§25.1583(c)	Amdt. 25-72

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

Exemptions have been granted for the following regulation(s) to allow for the carriage of up to 15 supernumeraries and access to the cargo compartment during certain phases of flight:

§§ 25.785(d), 25.807(c)(1), 25.807(c)(5), 25.809(f)(1), 25.813(b), 25.857(e), 25.1447(c)(1), and 25.1447(c)(3), as documented in Exemption No. 10899.

There are no additional limitations that are unique to this installation that should be defined on the STC.

- END -

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