



U.S. Department
of Transportation
**Federal Aviation
Administration**

**Transport Airplane Directorate
Aircraft Certification Service**

1601 Lind Avenue SW
Renton, Washington 98057-3356

JAN 23 2009

In Reply

Refer To: 150S-09-50

Mr. David Crotty
Jamco America, Inc.
1018 80th Street S.W.
Everett, WA 98203

Dear Mr. Crotty:

We have completed our evaluation of your Supplemental Type Certificate (STC) Project No. ST10326SE-T for the interior reconfiguration of a Boeing Model 747-400 series airplane per your application dated September 24, 2007, and find that you have satisfactorily demonstrated compliance with the applicable certification regulations. Accordingly, we have enclosed STC ST01958SE, dated January 23, 2009, for the installation in accordance with Jamco America, Inc. Master Drawing List MDL1309-1, Revision G, dated January 19, 2009, or later Federal Aviation Administration (FAA) approved revision.

Instructions for Continued Airworthiness (ICA), document number JD-08AC03, Revision E, dated January 22, 2009, or later FAA accepted revision, must be made available to the operator at the time of installation.

This modification may not be installed after June 7, 2010, unless

1. Previously approved electrical wiring interconnection system (EWIS) ICA's have been evaluated and determined to be adequate for this installation by the FAA, or
2. Revised EWIS ICA have been approved by the FAA oversight office. (Refer to Title 14 Code of Federal Regulations Section 26.11)

STC ST02409NY-D, installation of an in-flight entertainment system, must be installed concurrently with this modification.

Equivalent Safety Findings have been made for the following regulations:

1. Section 25.561(b)(3)(ii) as documented in FAA Transport Airplane Directorate Equivalent Level of Safety Memo No. TD6633SE-T-C-1, dated January 26, 2004.

2. Section 25.791 as documented in FAA Policy Memorandum No. ANM-03-115-05, dated July 7, 2003.

Exemption No. 9742, dated August 8, 2008 is applicable to this STC, which provides relief from the "firm handhold" requirements of § 25.785(d) Amdt. 25-32.

This STC is official FAA approval for your installation and may be used to authorize identical installations on other aircraft of the same model, subject to the limitations noted on the certificate. It may be transferred or otherwise made available to another party by means of a licensee arrangement in accordance with § 21.47. You are requested to advise this office within 30 days after the transfer, when you transfer or grant licensee rights to the STC, in order that we may take the necessary recording or re-issuance action.

If you agree to permit another person to use this STC to alter the product, it is your responsibility to give the other person written evidence of that permission in the form of a "permission statement." This permission statement should contain the agreement specifying the product to be altered, the STC number, and the person who is being given the consent to use the STC.

As recipient of this approval, except as provided in § 21.3(d), you are required to report any failure, malfunction, or defect in any product or part manufactured by you that you have determined has resulted or could result in any of the occurrences listed in § 21.3(c).

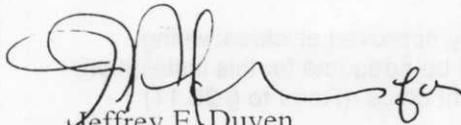
The report should be communicated initially by telephone to the Manager, Cabin Safety and Environmental Systems Branch, ANM-150S, telephone number (425) 917-6404, within 24 hours after it has been determined that the failure has occurred.

In addition, written notification to the Manager, Seattle Aircraft Certification Office, ANM-100S, at the above address is required. FAA Form 8010-4 (Malfunction or Defect Report) or any other appropriate format is acceptable in transmitting the required details. If you plan to manufacture replacement or modification parts for sale in conformance with approved data listed on the Certificate, you are required to comply with § 21.303. A Parts Manufacturer Approval (PMA) may be issued under the provisions of § 21.303(d) when you submit a statement certifying you have established the fabrication inspection system as required by § 21.303(h). The identification requirements for parts produced under a PMA are in § 45.15. Your statement may be in letter form, with reference to the STC number, and should be addressed to the Federal Aviation Administration, Northwest Mountain Region, Attention: Manager, Seattle Manufacturing Inspection District Office, 2500 East Valley Road, Suite C-2, Renton, Washington 98055-4056.

We are very interested in the quality of service we provide to the aviation community and the general public, and it would be helpful if you would provide some feedback regarding how the approval process went. To gather this information, we have enclosed a short survey form (*with a self-addressed, stamped envelope*) that we hope you will fill out and return.

If you have any questions, please contact Mr. Keith Ladderud at (425) 917-6435

Sincerely,



Jeffrey E. Duven
Manager, Seattle Aircraft
Certification Office

Enclosures

United States of America
Department of Transportation Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number ST01958SE

Limitations and Conditions Continued:

Instructions for Continued Airworthiness (ICA), document number JD-08AC03, Revision E, dated January 22, 2009, or later FAA accepted revision, must be made available to the operator at the time of installation.

This modification may not be installed after June 7, 2010, unless (1) previously approved electrical wiring interconnection system (EWIS) ICA's have been evaluated and determined to be adequate for this installation by the FAA, or (2) revised EWIS ICA have been approved by the FAA oversight office. (Refer to § 26.11)

Supplemental Type Certificate ST02409NY-D, installation of an in-flight entertainment system, must be installed concurrently with this modification.

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 this modification is based upon Part 25 as specified in TCDS A20WE and Part 26 at amendment 26-1. Regulations at a later amendment level than specified in TCDS A20WE are listed below:

§ 25.571(a)(b)	Amdt. 25-86
§ 25.785(e)	Amdt. 25-72
§ 25.787(a)(b)	Amdt. 25-51
§ 25.789(a)	Amdt. 25-46
§ 25.812(a)(1)(b)(1)(c)(d)(i)(l)(1)(2)	Amdt. 25-88
§ 25.813(a)(b)(d)	Amdt. 25-72
§ 25.853(c)(f)(g)(h)	Amdt. 25-116
§ 25.854(a)(b)	Amdt. 25-74
§ 25.869(a)(1)(4)	Amdt. 25-113
§ 25.1165(b)	Amdt. 25-72
§ 25.1307(c)	Amdt. 25-72
§ 25.1351(a)(b)(d)	Amdt. 25-72
§ 25.1353(a)(b)(c)(d)	Amdt. 25-113
§ 25.1423(a)(c)(d)(e)	Amdt. 25-79
§ 25.1431(a)(c)(d)	Amdt. 25-113
§ 25.1585(a)(d)	Amdt. 25-105
§ 26.47(c)(d)	Amdt. 26-1

Equivalent Safety Findings have been made for the following regulations:

§ 25.561(b)(3)(ii) as documented in FAA Transport Airplane Directorate ELOS Memo No. TD6633SE-T-C-1, dated January 26, 2004.

§ 25.791 as documented in FAA Policy Memorandum No. ANM-03-115-05, dated July 7, 2003.

Exemption No. 9742, dated August 8, 2008 is applicable to this STC, which provides relief from the "firm handhold" requirements of § 25.785(d) Amdt. 25-32.

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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.

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number **ST01958SE**

This certificate, issued to

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

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.

<i>Original Product—Type Certificate Number:</i>	A20WE
<i>Make:</i>	Boeing
<i>Model:</i>	747-400

Description of the Type Design Change: Interior reconfiguration of Boeing Model 747-400 series airplanes in accordance with Jamco America, Inc. Master Drawing List No. MDL1309-1, Revision G, dated January 19, 2009, 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. See continuation page 3 of 3 for additional limitations. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of the aircraft. A copy of this certificate and Jamco America, Inc. MDL1309-1 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.

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, 2007

Date reissued:

Date of issuance: January 23, 2009

Date amended:



By direction of the Administrator

[Handwritten Signature]

(Signature)

Acting Manager, Seattle 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)*: _____