

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

*Number* **ST01876LA**

*This certificate, issued to*

**Jamco America, Inc.  
1018 80<sup>th</sup> 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:* T00001SE  
*Make:* Boeing  
*Model:* 777-200, 777-300ER Series

*Description of the Type Design Change:* Installation of Continuous CO<sub>2</sub> Measurement and Automatic Air Sampling Atmospheric Observation Systems in accordance with Jamco America, Inc. Master Drawing List (MDL) IA-121MDL, Revision S, dated January 21, 2015, 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 IA-121MDL 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:* June 15, 2005

*Date reissued:*

*Date of issuance:* March 22, 2006

*Date amended:* July 24, 2013; March 28, 2014;  
January 26, 2015



*By direction of the Administrator*

(Signature)

STC ODA Unit 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.

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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)*:

\_\_\_\_\_

Department of Transportation - Federal Aviation Administration

# Supplemental Type Certificate

## (Continuation Sheet)

*Number* **ST01876LA**

### Jamco America, Inc.

*Issued:* March 22, 2006

*Reissued:*

*Amended:* July 24, 2013; March 28, 2014; January 26, 2015

*Limitations and Conditions continued:*

Supplemental Instructions for Continued Airworthiness (ICA) document number ICA1842-1, Revision 3, dated January 23, 2015, and Supplemental Electrical Wiring Interconnection System Instructions for Continued Airworthiness Source Document EICA1842-1, Revision 0, dated December 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.

This supplemental type certificate (STC) installs new Boeing Material Specification (BMS) 13-48, BMS 13-60, or BMS 13-58 wires which in some areas the wire separation requirement identified by Airworthiness Limitation No. 28-AWL-11 cannot be met. This installation is approved as an alternate method of compliance (AMOC) to paragraph (g)(2) of Airworthiness Directive 2008-11-13. 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) T00001SE, except for those regulations listed below, for which compliance was demonstrated to a later amendment level than specified in TCDS T00001SE:

§25.853(a)	Amdt. 25-116
§25.869(a)(1)(4)	Amdt. 25-113
§25.981(a)(b)	Amdt. 25-102
§25.1353(a)(b)(d)	Amdt. 25-113
§25.1431(a)(c)(d)	Amdt. 25-113
§25.1583(c)(1)(2)(3)	Amdt. 25-105

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

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

- END -

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.