United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA4789NM

This certificate, issued to Tramco, Inc.

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.* (See Type Certification Data Sheet A20WE for complete certification basis)

Original Product — Type Certificate Number: 20WE

Make: Boeing

Model: 747-200

Description of Type Design Change: Installation of Seats, galleys and emergency equipment and the resulting interior arrangement in accordance with Tramco, Inc. Top Drawing No. 89-093 Revision E, dated November 15, 1989.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only and does not include seat fire blocking, galley inserts, carpet or exterior paint and markings. 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, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate, and Top Drawing Number 89-093 must be maintained as part of the permanent records for the modified aircraft.

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: July 19, 1989

Date of issuance: December 14, 1989

Date reissued:

Date amended:

By direction of the Administrator

Stewart K. Miller

(Signature)

Assistant 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.

This certificate may be transferred in accordance with FAR 21.47.

FAA Form 8110-2 (10-68)