United States of America

Department of Transportation Federal Aviation Administration JAN - 1997

Supplemental Type Certificate

Number ST00285SE

This certificate, issued to **B.F. Goodrich Aerospace - TRAMCO**
11323 - 30th Avenue West
Everett, WA 98204-3500

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.*

Original Product—Type Certificate Number: A20WE
Make: Boeing
Model: 747-100, -100B, SUD-200B, -200F, -200C, -300, -400, -400D, -400F, 747-SR, 747-SP Series

Description of the Type Design Change: Modify in accordance with TRAMCO Engineering Order Number 28-1-000-001, Revision B, dated November 6, 1995, and Master Drawing List 95–002, Revision C, Sheet 1, dated July 17, 1996.

Limitations and Conditions: Approval of this change in type design applies to the above model airplane only. This approval should not be extended to other airplanes 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 that airplane. A copy of this Certificate must be maintained as part of the permanent records for the modified airplane. The limitations and conditions of airplane Type Certificate A3WE apply except as outlined in page 3 of this STC.

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 20, 1995

Date of issuance: November 25, 1996

Date reissued:

Date amended: January 24, 1997

By direction of the Administrator

(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.

This certificate may be transferred in accordance with FAR 21.47.

FAA Form 8110-2(10-68)

JAN 27 1997

United States of America
Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number **ST00285SE**

LIMITATIONS AND CONDITIONS: (Continued)

1. Certification Basis:

(a) The following paragraph of the Federal Aviation Regulations Part 25 including Amendment 25–46 thereto:

25.601, 25.603, 25.605, 25.954, 25.965, 25.1301 and 25.1529.

Note 1: This STC may not be used to modify fuel tank access covers which are the subject of the debris impact and fire resistance requirements of Federal Aviation Regulation Parts 121.316 and 25.963(e).

Note 2: The STC's instructions for Continued Airworthiness are contained in Tramco Maintenance Manual Supplement, "Wing Fuel Tank Access Seal Replacement, 28-11-00," Revision New, dated July 17, 1996.

**********END**********