

Supplemental Type Certificate

Number SA3480WE

This Certificate issued to Rockwell Collins, Inc.
1733 Alton Parkway
Irvine, California 92606

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 Continuation Sheet)

Original Product - Type Certificate Number: A20WE
Make: The Boeing Company
Model: Boeing 747-100,-200B,-200C,-300,747SR,747SP

Description of Type Design Change:

Installation of Hughes Passenger Entertainment/Passenger Service Multiplex System in accordance with FAA Sealed Hughes Aircraft Company Drawing List No. 1103000-701, Revision "B", dated September 7, 1977, or later FAA Sealed revisions.

Limitations and Conditions: The approval of this change in type design applies only to the aforementioned aircraft. This approval should not be extended to other aircraft of these models on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that 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: May 24, 1977

Date reissued: May 2, 1995, June 12, 1995,
January 23, 1998; May 30, 2006; August 10, 2016

Date of issuance: November 03, 1977

Date amended:

By direction of the Administrator



(Signature)

Manager, Technical & Administrative Support
Staff, Los Angeles 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.

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(Continuation Sheet)

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Certification Basis:

FAR Part 1, FAR Part 21, FAR Part 36, including Amendment 36-1 effective 1 December 1969, FAR Part 25 effective 30 June 1966, Amendments 25-1 through 25-8 plus 25-15, 25-17, 25-18 and 25-20 and special conditions summarized for recordation purposes as enclosed to FAA letter to The Boeing Company dated 20 February 1970. Special Condition 4A, revised to apply to airplanes with the landing gear load evener system deleted, was recorded as attachment to an FAA letter to The Boeing Company dated 12 May 1971.

Exemptions from FAR Part 25.

No. 1013A dated Dec. 24, 1959 - Exemption from FAR 25.471(b)
to allow lateral displacement of the C.G. from the airplane centerline.

Compliance with the following optional requirements has been established:

Ditching Provisions	FAR 25.801
Ice Protection Provisions	FAR 25.1219

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