United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number **ST 10148 SC-D**

This certificate, issued to **American Airlines, Inc.**
3900 N. Mingo Road
Engineering Dept., MD 208
Tulsa, Oklahoma 74116

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: **A1NM**

Make: **Boeing**

Model: **767-200/-300**

Description of Type Design Change:

Installation of upgraded Mode S Transponder with Enhanced Surveillance in accordance with Master Data List C2415, Rev A dated December 09, 2005, or later DAS-700094-SW approved revision.

Limitations and Conditions:

This approval should not be incorporated in any aircraft of this specific model until compatibility of this modification with previously approved modifications has been determined by the installer. 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.

(Limitations and Conditions continued on page 3 of 3)

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: **August 4, 2004**

Date of issuance: **September 24, 2004**

Date reissued:

Date amended: **December 9, 2005**

By direction of the Administrator

(Signature)

C. E. Williams
DAS-700094-SW Administrator
(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.

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(Continuation Sheet)

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Certification Basis:

Based on 14 CFR 21.115 and 21.101, and the FAA policy for non-significant changes in FAA Order 8110.48, the certification basis for the Boeing Model 767-200/-300 series aircraft for the change is as follows:

a. **The Type Certification basis for Boeing Model 767-200/-300 series airplanes is shown on TCDS A1NM for parts not changed or not affected by the change.**

b. **The certification basis for parts changed or affected by the change since the reference date of application, August 4, 2004 is based upon Part 25, as amended by Amendment 25-115. Based on 14 CFR 21.115 and 21.101, and the FAA policy for non significant changes in FAA Order 8110.48, the certification basis for this modification was determined to be:**

Regulations at the latest amendment 25-0 through 25-115
25.869.a.4, 25.981.a.3,b, 25.1301, 25.1309.b,c,d,g, 25.1353.a,b,d, 25.1529

Regulations at an intermediate amendment
none

Regulations at the amendment level in TCDS A1NM
25.1351.a, 25.1431.a,c

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