

Boeing 747 Series Aeroplanes

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**AIRWORTHINESS DIRECTIVE**

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For the reasons set out in the background section, the CASA delegate whose signature appears below issues the following Airworthiness Directive (AD) under subregulation 39.1 (1) of CAR 1998. The AD requires that the action set out in the requirement section (being action that the delegate considers necessary to correct the unsafe condition) be taken in relation to the aircraft or aeronautical product mentioned in the applicability section: (a) in the circumstances mentioned in the requirement section; and (b) in accordance with the instructions set out in the requirement section; and (c) at the time mentioned in the compliance section.

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**AD/B747/257**

**In-Flight Entertainment System  
FAA STC ST00196SE**

**10/2001**

Applicability: Model 747-100 and -200 series aeroplanes modified by United States Federal Aviation Administration (FAA) Supplemental Type Certificate (STC) ST00196SE.

- Requirement:
1. Modify the in-flight entertainment (IFE) system in accordance with JAMCO America Service Bulletin (SB) 747-25-M025 dated 30 August 2000.
  2. Revise the procedures for “Electrical System Smoke or Fire” of the “Emergency Procedures” section of the Aircraft Flight Manual (AFM) to include the following information:

**IF SMOKE SOURCE IS UNDETERMINED:**

Galley Power, Recirculating and Gasper Fans, and supplemental vent fans (if installed) . . . OFF

Establish communications with cabin crew.

Instruct cabin crew to depress in-flight entertainment (IFE) system Master Control System Power ‘OFF’ switch.

Obtain confirmation from cabin crew that electrical power to the IFE system has been removed.

Amendment of the AFM may be accomplished by inserting a copy of this Directive into the AFM.

3. IFE may not be installed on any aeroplane in accordance with STC ST00196SE unless it is modified in accordance with JAMCO SB 747-25-M025 and the AFM is revised in accordance with this Directive.

*Note: FAA AD 2001-16-19 Amdt 39-12388 refers.*

Compliance: For Requirement 1 - Within 18 months after the effective date of this Directive.

For Requirement 2 - Concurrent with Requirement 1.

For Requirement 3 - As of the effective date of this Directive.

**COMMONWEALTH OF AUSTRALIA**  
**CIVIL AVIATION SAFETY AUTHORITY**  
**SCHEDULE OF AIRWORTHINESS DIRECTIVES**

*(Civil Aviation Regulations 1998), PART 39 - 105*

AD/B747/257 (Continued)

This Airworthiness Directive becomes effective on 4 October 2001.

**Background:** This Directive requires modification of the IFE systems installed by STC ST00157SE and revision of the AFM. This action is required to ensure that, when necessary, the flight crew is able to remove power from the IFE system and is advised of appropriate procedures to perform these actions. Inability to remove power from the IFE system during a non-normal or emergency situation could result in inability to control smoke or fumes in the airplane flight deck or cabin.



Eugene Paul Holzapfel  
Delegate of the Civil Aviation Safety Authority

23 August 2001