

---

## AIRWORTHINESS DIRECTIVE

---

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.

---

### Boeing 747 Series Aeroplanes

**AD/B747/270**

**Centre Wing/Horizontal Stabilizer Fuel  
Tank Override/Jettison/Transfer Pumps**

**5/2002**

Applicability: All Model 747 series aeroplanes.

- Requirement:
1. Amend the limitations Section of the FAA approved Aircraft Flight Manual (AFM) in accordance with paragraph (a) of FAA AD 2001-12-21; or
  2. Establish that the correct thrust washer is fitted to the centre wing fuel tank override/jettison pumps and, if installed, horizontal stabilizer transfer pumps, following the procedures contained in paragraph (b) of FAA AD 2001-12-21. If the correct washer is fitted, this Airworthiness Directive requires no further action.
  3. For those aeroplanes that do not meet the requirements of paragraph (b) of FAA AD 2001-12-21, or if the serial number on the pump data plate of any centre wing fuel tank override/jettison pump or, if fitted, horizontal stabilizer transfer pumps cannot be determined, replace pumps in accordance with the requirement of paragraph (c) of FAA AD 2001-12-21. Compliance with this requirement terminates Requirement 1 of this Airworthiness Directive and if applicable, the amendment to the AFM may be removed from the manual.

*Note: FAA AD 2001-12-21 supersedes FAA AD 98-25-52.*

Compliance: Requirement 1 or 2: Within 14 days after the effective date of this Airworthiness Directive.

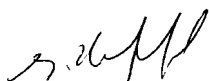
Requirement 3: If applicable, before 26 April 2003.

This Airworthiness Directive becomes effective on the 16 May 2002.

## Boeing 747 Series Aeroplanes

AD/B747/270 (Continued)

Background: FAA AD 2001-12-21 was prompted by new information received from the fuel pump manufacturer. This new FAA AD supersedes FAA AD 98-25-52 which caused AD/747/194 TX to be raised and an amendment to be made to the Aircraft Flight Manual (AFM) to prevent dry operation of the centre wing fuel tank override/jettison pumps, and for certain aeroplanes, to prohibit operation of the horizontal stabilizer tank transfer pumps in-flight. This Airworthiness Directive requires verification of pumps fitted, and as necessary, the installation of improved fuel pumps, which terminates the requirements of the AFM amendments and cancellation of AD/747/194 TX.



Eugene Paul Holzapfel  
Delegate of the Civil Aviation Safety Authority

7 April 2002