

Boeing 727 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.

### **AD/B727/172      MLG Forward Trunnion Bearing Support Fitting      13/2001**

**Applicability:** All Model 727 series aircraft.

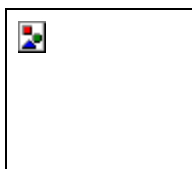
**Requirement:** Inspect in accordance with the technical requirements of FAA AD 2001-20-09 Amdt 39-12457.

*Note: Boeing Alert Service Bulletins 727-57A0179 Revisions 3, 4, and 5 refer.*

**Compliance:** As specified in the Requirement document with a revised effective date of 27 December 2001.

This Airworthiness Directive becomes effective on 27 December 2001.

**Background:** The manufacturer received several reports of main landing gear collapse. Investigation revealed failure of the forward trunnion bearing support fitting as the cause. Collapse of a main landing gear can occur during normal operations as a result of a cracked support fitting, with consequent damage to the aircraft structure and injury to personnel. The actions specified in this Directive are intended to address the identified unsafe condition.



David Alan Villiers  
Delegate of the Civil Aviation Safety Authority

14 November 2001