
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 39.001(1) of CASR 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.

Avions de Transport Regional ATR 42 Series Aeroplanes**AD/ATR 42/13****MLG Swinging Lever Spacer****9/2007**

Applicability: Model ATR 42-200, -300, -320, -400, and -500 series aircraft, without ATR modification 5338 (Service Bulletin ATR42-32-0094) incorporated.

Requirement: Action in accordance with the requirements of DGAC AD 2001-614-089(B).

Note: ATR Service Bulletin ATR42-32-0094 original issue, or later DGAC/EASA approved revision, refers.

Compliance: As specified in the Requirement document, with a revised effective date of 30 August 2007.

This Airworthiness Directive becomes effective on 30 August 2007.

Background: Reports were received of fatigue cracks on the main landing gear swinging lever spacer. Propagation of cracks could result in failure of the spacer base and potentially affect, during some operating phases, the symmetrical functioning of the braking system. This asymmetrical braking could result in reduced aircraft controllability, in the case of a strong crosswind during landing.



David Villiers
Delegate of the Civil Aviation Safety Authority

10 July 2007