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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 39.001(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.

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### AMD Falcon 50 and 900 Series Aeroplanes

**AD/AMD 50/42**

**Electrical Power**

**9/2007**

**Applicability:** Mystere-Falcon 50 aeroplanes, serial number (S/N) 251 together with S/N 253 and subsequent, without modification M3093 implemented.

**Requirement:** Check for damages to the electrical feeder bundle, repair as necessary, and modify its routing as detailed in the accomplishment instructions paragraph of the Dassault Aviation Service Bulletin (SB) F50-483 initial issue dated 6 June 2007 or later approved revision.

*Note: EASA AD 2007-0175 refers.*

**Compliance:** No later than 12 August 2008.

This Airworthiness Directive becomes effective on 30 August 2007.

**Background:** The European Aviation Safety Agency (EASA) has been advised by the aircraft manufacturer of reports of chafing between an electrical feeder bundle and a bus bar under the circuit breaker panel. This chafing could lead to loss of electrical power to some systems and may result smoke and/or fire.

This Directive requires an inspection of the electrical feeder bundle, repair if necessary and modification of its routing under the circuit breaker panel through implementation of modification M3093.



David Punshon  
Delegate of the Civil Aviation Safety Authority

17 July 2007