
AIRWORTHINESS DIRECTIVE

For the reasons set out in the background section, the CASA delegate whose signature appears below revokes Airworthiness Directive (AD) AD/A320/159 and issues the following AD under subregulation 39.1 (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.

Airbus Industrie A319, A320 and A321 Series Aeroplanes

AD/A320/159 **Emergency Escape Path Marking System** **12/2004**
Amdt 1 **Power Supplies**

Applicability: Airbus A319, A320 and A321 series aeroplanes all serial numbers, that are equipped with the Emergency Power Supply Units (EPSU) of the Floor Proximity Emergency Escape Path Marking System (FPEEPMS) Bruce Part Number (P/N) 100865.

Note 1: Action is not required for aeroplanes with EPSUs having Diehl P/N 3214-51, 3214-52, 3214-54 or 3214-55 if a Bruce EPSU P/N 100865 is not installed.

- Requirement: 1. **For aeroplanes equipped with Diehl EPSU P/N 3214-51, 3214-52, 3214-54 or 3214-55 and Bruce EPSU P/N 100865** - If not previously accomplished in accordance with AD/A320/159 original issue, carry out the following in accordance with Airbus Service Bulletin (SB) A320-33-1041 or later revision approved by the DGAC:
- a. Remove Bruce EPSU P/N 100865,
 - b. Remove Diehl EPSU P/N 3214-51, 3214-52, 3214-54 or 3214-55,
 - c. Install improved Diehl EPSU P/N 3214-54-10 or 3214-55-10, and
 - d. Modify the wiring.
2. **For aeroplanes equipped with Diehl EPSU P/N 3214-54-10 or 3214-55-10 and Bruce EPSU P/N 100865** - Carry out the following in accordance with Airbus Service Bulletin (SB) A320-33-1041 or later revision approved by the DGAC:
- a. Remove Bruce EPSU 100865, and
 - b. Modify the wiring.

Note 2: DGAC AD F-2004-121 R1 (EASA Approval 2004-10126) refers.

Compliance: For Requirements 1 and 2 - Before 31 December 2005.

This Amendment becomes effective on 25 November 2004.

Airbus Industrie A319, A320 and A321 Series Aeroplanes

AD/A320/159 Amdt 1 (continued)

Background: The existing system architecture of the Bruce FPEEPMS does not comply with the requirements of the JAR/FAR 25.812 (I)(1) since none of the connected FPEEPMS including the Exit identifiers will illuminate in the event of an accident leading to a vertical separation of the fuselage forward of door number 1.

The original issue of this Directive required the replacement of EPSUs.

This amendment clarifies which EPSUs are to be replaced.

The original issue of this Airworthiness Directive became effective on 30 September 2004.



James Coyne
Delegate of the Civil Aviation Safety Authority

15 October 2004