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## AIRWORTHINESS DIRECTIVE

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On the effective date specified below, and for the reasons set out in the background section, the CASA delegate whose signature appears below revokes Airworthiness Directive (AD) AD/A320/140 and issues the following 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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### Airbus Industrie A319, A320 and A321 Series Aeroplanes

**AD/A320/140  
Amdt 1**

**Relay 11QG Relocation & Test**

**6/2012**

**Applicability:** A319, A320 and A321 aeroplanes, all models and serial numbers without Airbus Industrie modification 26065 incorporated during production or Airbus Industrie Service Bulletin (SB) A320-24-1092, Revision 4, dated 20 June 2002 embodied.

**Requirement:**

1. Unless already accomplished in accordance with AD/A320/102, relocate the relay 11QG from relay box 103VU to the shelf 95VU in accordance with the instructions given in SB A320-24-1092 Revision 4.
2. Unless already accomplished in accordance with AD/A320/102, for aircraft on which SB A320-24-1092 original issue or Revision 1 or Revision 2 have been received, verify that:
  - a. the 4 contacts installed in terminal block FIN209VT12 correspond to part number (P/N) NSA937910EA2000,
  - b. if the P/N is different from NSA937910EA2000, install contacts P/N NSA937910EA2000 in accordance with the instructions given in SB A320-24-1092 Revision 3 or Revision 4.
3. Unless already accomplished, perform the additional test required after the relocation of the relay 11QG, in accordance with SB A320-24-1092 Revision 4.

*Note: DGAC AD 2002-365(B) refers.*

**Compliance:** For Requirements 1 and 2 - before 15 May 2000, or within 500 hours time in service after 9 September 1999 or before further flight.

For Requirement 3 - Within 600 flight hours from the original effective date of this AD (3 October 2002).

This Amendment becomes effective on 20 March 2012.

**Background:** AD/A320/102 was based on DGAC AD 1999-263-134(B), mandating the embodiment of Service Bulletin (SB) A320-24-1092 Revision 3. The SB calls for the relocation of the engine/master 1 relay 11QG to avoid any risk of simultaneous cut-off of the fuel supply to both engines by the low pressure shut-off valves by water ingress in relay box 103VU. Revision 3 replaced Revisions 1 and 2 which contained erroneous instructions.

**Airbus Industrie A319, A320 and A321 Series Aeroplanes**

AD/A320/140 Amdt 1 (continued)

On 20 July 2002, DGAC AD 1999-263-134(B) was cancelled and replaced with DGAC AC 2002-365(B) which mandates the adherence to SB A320-24-1092 Revision 4. It requires additional testing following the relay relocation.

Amendment 1 is issued to reflect the cancellation of DGAC AD 1999-263-134(B) and release of DGAC AC 2002-365(B) which mandates SB A320-24-1092 Revision 4.

This AD replaces AD/A320/102 which is cancelled. It incorporates the initial requirements of DGAC AD 1999-263-134(B).



David Villiers  
Delegate of the Civil Aviation Safety Authority

19 March 2012