
AIRWORTHINESS DIRECTIVE

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/A320/175 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.

Airbus Industrie A319, A320 and A321 Series Aeroplanes

**AD/A320/175
Amdt 1**

103VU Panel Hinge Pin

10/2007

Applicability: Aircraft models listed in Table 1, all manufactures serial numbers, except those that have received either of the following:

- Airbus modification 36115 during production, or
- Airbus Service Bulletin (SB) A320-25-1535 dated 27 April 2007 whilst in service.

Table 1 - Aircraft Models

A318-111	A319-131	A320-215	A321-131
A318-112	A319-132	A320-216	A321-211
A319-111	A319-133	A320-231	A321-212
A319-112	A320-111	A320-232	A321-213
A319-113	A320-211	A320-233	A321-231
A319-114	A320-212	A321-111	A321-232
A319-115	A320-214	A321-112	

Requirement: Install a hinge pin stopper on the internal door of the 103VU box in accordance with the instructions given in SB A320-25-1535 or later approved EASA revision.

Note: EASA AD 2007-0214 refers.

Compliance: Before 31 March 2009.

This Amendment becomes effective on 27 September 2007.

Background: Heat damaged and severed electrical wires have been found in several 103VU boxes. Those electrical damages are caused by a contact between the horizontal hinge pin and adjacent electrical harness. Investigation revealed that the pre-mod 36115 manufacturing process used to secure the pin by deforming the hinge ends, or the hinge pin ends, does not prevent the pin translatory motion.

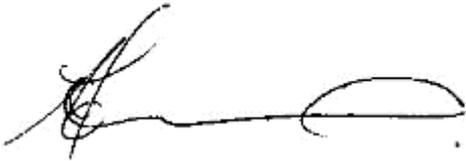
Airbus Industrie A319, A320 and A321 Series Aeroplanes

AD/A320/175 Amdt 1 (continued)

To avoid harness damage and subsequent failure on the associated systems, the original issue of this Directive mandated the inspection of 103 VU panel hinge pin according to Airbus All Operators Telex (AOT) 25A1440. In service experience has shown that AOT 25A1440 inspection procedure and its associated corrective actions were not sufficient to detect and solve hinge pin migration.

This Amendment mandates the installation of a hinge pin stopper on the internal door of the 103VU box.

The original issue of this Directive became effective on 9 June 2005.

A handwritten signature in black ink, appearing to read 'Charles Lenarcic', with a long horizontal stroke extending to the right.

Charles Lenarcic
Delegate of the Civil Aviation Safety Authority

17 August 2007