	<b>AIRWORTHINESS DIRECTIVE</b> <b>No F-2005-057</b>	Distribution: <b>B</b>	Issue date: <b>April 13, 2005</b>	Page : <b>1/2</b>
Direction générale de l'aviation civile France  GSAC publication	This Airworthiness Directive is published by the DGAC on behalf of EASA, Airworthiness Authority of the State of Design for the affected product, part or appliance.		<i>Translation of « Consigne de Navigabilité » of same number. In case of difficulty, reference should be made to the French issue.</i>	
	<b>No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive, unless otherwise agreed with the Authority of the State of Registry.</b>			
Corresponding foreign Airworthiness Directive(s): <b>Not applicable</b>		Airworthiness Directive(s) replaced: <b>2002-637 cancelled by its Revision 2</b>		
Person in charge of airworthiness: <b>AIRBUS SAS</b>		Type(s): <b>A319, A320 and A321 aircraft</b>		
Type certificate(s) No. <b>180</b> TCDS No <b>180</b>				
ATA chapter:  <b>52</b>	Subject: <b>Passenger door - Slide raft telescopic girt bar</b>			

#### 1. **EFFECTIVITY:**

AIRBUS A319, A320 and A321 aircraft, all certified models, all serial numbers (MSN) having received AIRBUS modification (mod.) 20234 (installation of a telescopic girt bar for slide raft) in production or AIRBUS Service Bulletin (SB) A320-25-1055 or A320-25-1218 in-service, except aircraft that have received mod. 31708 in production or SB A320-52-1112 Revision 05 in service.

From MSN 1500 except MSN 1503, all aircraft having received mod 20234 in production have been delivered with slide raft telescopic girt bars which are not affected by paragraph 3.1. and 3.2. of this Airworthiness Directive (AD).

The applicability of this AD is defined considering that the affected telescopic girt bars are still fitted on their original door/aircraft.

Operators which could have changed the girt bar aircraft affectation and will not be able to determine the origin have to consider that their whole fleet is affected by this AD.


#### 2. **REASONS:**

Operators have reported several cases of slide raft telescopic girt bar becoming detached from the door sill fittings.

Investigation of the affected girt bar revealed that the trigger mechanism was not operational due to an incorrectly machined chamfer on the girt bar itself.

Additional investigations have revealed, on certain telescopic girt bars, non-conformity to the definition of the girt bar trigger end. In such case, during emergency evacuation, the slide raft could fail to deploy.

AD 2001-165 was issued to mandate a test of "non retraction" of the telescopic girt bar.

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AD 2001-275 replaced AD 2001-165 and was issued to mandate the installation of a temporary repair associated with a repetitive inspection.

The AD 2002-637 replaced AD 2001-275 and restated its requirements until mandatory accomplishment of the definitive modification (replacement of the sliding part of the girt bar by a new one equipped with a larger trigger).

The sticker which indicates that the slide is in armed position has been forgotten on the bars installed by SB A320-52-1112 original issue, Revision 01, 02, 03 and 04.

This AD recalls the requirements of AD 2002-637 and mandates the installation of the sticker for the bars modified by SB A320-52-1112 original issue, Revision 01, 02, 03 or 04.

### **3. MANDATORY ACTIONS AND COMPLIANCE TIMES:**

- 3.1. Within 1,500 flight hours from July 21, 2001 [the effective date of AD 2001-275], modify the girt bars in accordance with the instructions given in AIRBUS AOT A320-52A1111.
- 3.2. Every 18 months, inspect all telescopic girt bars modified in accordance with the above paragraph 3.1. and apply all necessary corrective actions in accordance with the instructions given in AOT A320-52A1111.
- 3.3. Not later than December 31, 2006, modify the girt bar, in accordance with SB A320-52-1112 Revision 05.

This modification renders void the requirements of the above paragraphs 3.1. and 3.2. No further action is required.

### **4. REFERENCE PUBLICATIONS:**

AIRBUS All Operator Telex A320-52A1111 dated July 05, 2001  
 AIRBUS Service Bulletin A320-52-1112 Revision 05  
 Any later approved revision of these documents is acceptable.

### **5. EFFECTIVE DATE:**

April 23, 2005.

### **6. REMARK:**

For questions concerning the technical contents of this AD's requirements, contact:  
 AIRBUS SAS - Office of Airworthiness - EAS - Fax 33 5 61 93 44 51.

### **7. APPROVAL:**

This AD is approved under EASA reference No 2005-3064 dated April 05, 2005.