	AIRWORTHINESS DIRECTIVE No F-2004-172 R1	Distribution: B	Issue date: April 13, 2005	Page : 1/2
	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>
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.				
Corresponding foreign Airworthiness Directive(s): Not applicable		Airworthiness Directive(s) replaced: F-2004-172 original issue		
Person in charge of airworthiness: AIRBUS SAS		Type(s): A318, A319, A320 and A321 aircraft		
Type certificate(s) No. 180 TCDS No 180				
ATA chapter: 26, 52	Subject: Fire protection - Cargo compartment water drain valve			

1. EFFECTIVITY:

AIRBUS:

- A318 aircraft all certified models and all serial numbers,
- A319 aircraft, all certified models and all serial numbers that have received AIRBUS modification 25642 or 26213 in production or AIRBUS Service Bulletin (SB) A320-52-1088 in service,
- A320 and A321 aircraft, all certified models and all serial numbers that have received AIRBUS modification 26213 or 26603 in production or SB A320-52-1088 in service,

except aircraft that have received AIRBUS modification 33232 in production or SB A320-52-1124 in service.

2. REASONS:

A fire containment capability evaluation of the cargo compartment has been performed during a flight test on an A319. The level of the halon extinguishant decreased below the required concentration. This was due to a too high rate of air renewal in the compartment.


After investigation two leak sources were identified:

- the first leak is generated by the forward and aft cargo door water drain valves,
- the second leak is generated by the aft cargo compartment temperature sensor installation; this subject is covered by another Airworthiness Directive (AD).

In such a situation, the protection against fire is no more ensured.

This AD renders mandatory the modification of the forward and aft cargo door water drain valves.

Revision 1 of this AD is issued in order to extend the compliance time of the mandatory action from April 30, 2005 to December 31, 2005.

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3. **MANDATORY ACTIONS AND COMPLIANCE TIME:**

Before December 31, 2005, modify the forward and aft cargo door water drain valves in accordance with the instruction given in SB A320-52-1124.

4. **REFERENCE PUBLICATION:**

AIRBUS Service Bulletin A320-52-1124
(Any further approved revision of this document is acceptable).

5. **EFFECTIVE DATES:**

Original issue : November 06, 2004
Revision 1 : 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 Revision is approved under EASA reference No 2005-3070 dated April 05, 2005.