

 Direction générale de l'aviation civile France GSAC publication	AIRWORTHINESS DIRECTIVE No F-2005-031		Distribution: B	Issue date: February 16, 2005	Page : 1/2
	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: None		
Person in charge of airworthiness: AIRBUS SAS			Type(s): A320 aircraft		
Type certificate(s) No. 180 TCDS No 180					
ATA chapter: 28		Subject: Fuel system - Fuel pumps - Prevention against explosion risks			

1. **EFFECTIVITY:**

AIRBUS A320 aircraft, -111, -211, -212 and -231 models:

- all serial numbers (MSN), except aircraft that have received AIRBUS modification 21088 or 21999 in production or AIRBUS Service Bulletin (SB) A320-28-1008 Revision 1 in service;

and

- MSN 91 to 113 and 140 to 189 inclusive that have not received SB A320-28-1054 in service.

2. **REASONS:**

Further to the accident of a Boeing 747-131 aircraft (flight TWA800), the FAA has published SFAR 88 (Special Federal Aviation Regulation 88).

In their letters referenced 04/00/02/07/01-L296, dated March 4th, 2002 and 04/00/02/07/03-L024, dated February 3^d, 2003, the JAA recommended the application of a similar regulation to the National Aviation Authorities (NAA).

Under this regulation, all holders of type certificates for passenger transport aircraft with either a passenger capacity of 30 or more, or a payload capacity of 7,500 pounds (3402 kg) or more, which have received their certification since January 1st, 1958, are required to conduct a design review against explosion risks.

This Airworthiness Directive (AD) renders mandatory the improvement of cables and structure around the fuel pumps, introduced by AIRBUS modification 21088 (transferred into AIRBUS modification 21999), as a consequence of this design review.

Moreover, modification 21088 may have been partially omitted on same aircraft in production. So this AD mandates also SB A320-28-1054 to address those aircraft.

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

3.1. **For aircraft on which AIRBUS modification neither 21088 nor 21999 has been embodied:**

Before December 31st, 2009, modify the cables and the structure around the fuel pumps, in accordance with the instructions of SB A320-28-1008 Revision 1.

3.2. **For MSN 91 to 113 and 140 to 189 :**

Before December 31st, 2009, unless already accomplished, inspect the cables and the structure around the fuel pumps and apply corrective actions, if necessary, in accordance with the instructions of SB A320-28-1054.

4. **REFERENCE PUBLICATION:**

AIRBUS Service Bulletin A320-28-1008 Revision 1
AIRBUS Service Bulletin A320-28-1054
Any later approved revision of these documents is acceptable.

5. **EFFECTIVE DATE:**

February 26, 2005.

6. **REMARK:**

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

7. **APPROVAL:**

This AD is approved under EASA reference No 2005-1376 dated February 09, 2005.