	AIRWORTHINESS DIRECTIVE No F-2005-183	Distribution: B	Issue date: November 09, 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: None		
Person in charge of airworthiness: AIRBUS SAS		Type(s): A300-600ST BELUGA aircraft		
Type certificate(s) No. EASA.A.014 TCDS No EASA.A.014				
ATA chapter: 28	Subject: Fuel tanks - Prevention of risks of explosion - Improvement to the lightning protection system			

1. EFFECTIVITY:

AIRBUS A300-600ST BELUGA aircraft, serial numbers 0001, 0002, 0003, 0004 and 0005.

2. REASONS:

Subsequent to the accident involving the Boeing 747-131 (flight TWA800), the FAA has published regulation SFAR 88 (Special Federal Aviation Regulation 88).

In letters referenced 04/00/02/07/01-L296 of March 04, 2002 and 04/00/02/07/03-L024 of February 03, 2003, the JAA has recommended to the National Aviation Authorities (NAA) that a similar regulation be implemented.


The purpose of this regulation is to ensure that all holders of a type certificate for a transport aircraft certified after January 1st, 1958 with a capacity of 30 passengers or more, or with a cargo payload of 3402 kg (7500 lb) or more, shall carry out a definition review against the risks of explosion.

Corrective measures intended to improve the lightning-protection system of the fuel tanks are rendered mandatory by this Airworthiness Directive (AD).

3. MANDATORY ACTIONS AND COMPLIANCE TIMES:

Unless already accomplished, the following actions are rendered mandatory from the effective date of this AD.

- 3.1. Prior to 31st December 2009, check and install additional electrical bonding leads and electrical bonding points in the centre and wing fuel tanks in accordance with AIRBUS Service Bulletin (SB) A300-28-9004.
- 3.2. Prior to December 31st, 2009, remove the P-clips type NSA5516-XXND or NSA5516-XXNJ (with strip code C and/or without tab (code A)) holding the electrical harnesses or pipe runs located inside the centre and wing fuel tanks, and replace them with NSA5516-XXNF-type in accordance with SB A300-28-9008.

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4. REFERENCE PUBLICATIONS:

AIRBUS Service Bulletin A300-28-9004 original issue
AIRBUS Service Bulletin A300-28-9008 original issue
(Any later approved revision of these SBs is acceptable).

5. EFFECTIVE DATE:

November 19, 2005.

6. REMARK:

For questions concerning the technical contents of this AD's requirements, contact :
AIRBUS SAS - Office of Airworthiness - EAW - Fax : 33 5 61 93 45 80.

7. APPROVAL:

This AD is approved under EASA reference No 2005-6392 dated November 02, 2005.