	AIRWORTHINESS DIRECTIVE No F-2006-031	Distribution: B	Issue date: February 01, 2006	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.		*Translation of « Consigne de Navigabilité » of same number.* *In case of difficulty, reference should be made to the French issue.*	
	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, A310 and A300-600 aircraft**
Type certificate(s) No. **72** TCDS No **145**	
ATA chapter: **28**	Subject: **Fuel system - Prevention of risks of explosion - Inspection of the P-clips and electrical bonding improvement in the fuel tanks**

SUPERSEDED

1. EFFECTIVITY:

AIRBUS aircraft:

- A300 all certified models and all serial numbers, except for aircraft on which AIRBUS Service Bulletins (SB) A300-28-0081 and A300-28-0079 (AIRBUS modification (mod.) 12495) have been embodied in service.

- A310 all certified models and all serial numbers except for aircraft which have been modified by embodiment in service of:

  - SB A310-28-2143 and SB A310-28-2142 (mod. 12256)
  - and, for aircraft fitted with trim tanks, SB A310-28-2153 (mod. 12294 and 12476).

- A300-600 all certified models, all serial numbers except for aircraft which have received in production:

  - mod. 12308 (SB A300-28-6068 in service) and 12495 (SB A300-28-6064 in service),
  - and, for aircraft fitted with trim tanks, mod.12294 and 12476 (SB A300-28-6077 in service).

2. REASONS:

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

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

The aim of this regulation is to demand that all holders of transport aircraft type certificates for aircraft certified after January 1st, 1958, with a capacity of 30 passengers or more, or with a payload of 3,402 kg or more, to conduct a design review against the risks of explosion.

The replacement of some types of P-clips and the improvement of the electrical bonding of the equipment in the fuel tanks are rendered mandatory by this Airworthiness Directive (AD).

SUPERSEDED

3. MANDATORY ACTIONS AND COMPLIANCE TIMES:

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

3.1. Before December 31st, 2010, remove NSA5516-XXND or NSA5516-XXNJ type P-clips, used in the wing and center, if any*, fuel tanks to retain wiring and pipes, and replace them by NSA5516-XX NF type P-clips in accordance with the instructions of applicable SB A300-28-0081 or A310-28-2143 or A300-28-6068.

(*) A300 B2-100 and B2-200 series aircraft have no center tank.

3.2. Before December 31st, 2010, check the electrical bonding points in the center tank, if any*, and install additional bonding leads and electrical bonding points in the wing and center* fuel tanks, in accordance with the instructions of SB A300-28-0079 or A310-28-2142 or A300-28-6064.

3.3. Before December 31st, 2010, and for aircraft fitted with a trim tank, install additional bonding leads and electrical bonding points in the trim tanks, in accordance with the instructions of applicable SB A310-28-2153 or A300-28-6077.

4. REFERENCE PUBLICATIONS:

AIRBUS Service Bulletins:

A300-28-0081 original issue
A310-28-2143 original issue
A300-28-6068 original issue
A300-28-0079 original issue
A310-28-2142 original issue
A300-28-6064 original issue
A300-28-6077 original issue
A310-28-2153 original issue
Any later approved revision of these SBs is acceptable.

5. EFFECTIVE DATE:

February 11, 2006.

6. REMARK:

For questions concerning the technical contents of this AD's requirements, contact:

AIRBUS - EAW - Office of Airworthiness - Fax: 33 5 61 93 45 80.

7. APPROVAL:

This AD is approved under EASA reference No 2006-0031 dated January 24, 2006.