

AIRWORTHINESS DIRECTIVE

released by DIRECTION GENERALE DE L'AVIATION CIVILE

Inspection and/or modifications described below are mandatory. No person may operate a product to which this Airworthiness Directive applies except in accordance with the requirements of this Airworthiness Directive.

Translation of 'Consigne de Navigabilité' ref. : 2003-161(B)
In case of any difficulty, reference should be made to the French original issue.

AIRBUS

A310 and A300-600 aircraft

Improvement in the electrical bonding of the Additional Center Tanks (ACT) (ATA 28)

1. APPLICABILITY:

- AIRBUS A310 series aircraft, all certified models and all serial numbers, equipped with one or more ACT's except for aircraft on which the original issue or Revision 1 of AIRBUS Service Bulletin (SB) A310-28-2137 has been embodied in service (AIRBUS modification 11961).
- AIRBUS A300-600 series aircraft, all certified models and all serial numbers, equipped with one or more ACT's except for aircraft on which SB A300-28-6060 has been embodied in service (AIRBUS modification 11961).

2. REASONS:

A review of the bonding methods applied to the various components of the ACT installed in the cargo compartment of the A310 and A300-600 aircraft showed that the effectiveness of the groundings must be improved.

Insufficient bonding can, under certain specific flight circumstances (aircraft lightning strike, accumulation of static charges), lead to an electric arc which could reach the self-ignition threshold of the fuel vapors hence a potential risk of explosion in the tanks.

This Airworthiness Directive (AD) renders mandatory the embodiment of modifications to the electrical bonding system in the ACT's.

3. MANDATORY ACTIONS AND COMPLIANCE TIME:

Before November 30, 2005, unless already accomplished, modify the electrical bonding points of the ACT's in accordance with the instructions of SB A310-28-2137 Revision 1 or A300-28-6060 as applicable.

REF.: AIRBUS Service Bulletins:
A310-28-2137 Revision 1
A300-28-6060
(Any later approved revision of these SBs is acceptable).

EFFECTIVE DATE : MAY 10, 2003