

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. : 2000-481-324(B) R1
In case of any difficulty, reference should be made to the French original issue.

AIRBUS INDUSTRIE

A300, A310 and A300-600 aircraft

Fuel tanks - Electrical connections of fuel level sensors (ATA 28)

APPLICABILITY:

AIRBUS INDUSTRIE:

- A300 aircraft, all certified models and all serial numbers except for aircraft on which AIRBUS INDUSTRIE Service Bulletin (SB) A300-28-0078 (AIRBUS INDUSTRIE modification No. 12203) has been embodied in service or SB A300-28-0082 (AIRBUS INDUSTRIE modification No.12393).
- A310 aircraft, all certified models and all serial numbers except for aircraft on which AIRBUS INDUSTRIE modification No. 12201 has been embodied in production (SB A310-28-2141).
- A300-600 aircraft, all certified models and all serial numbers except for aircraft on which AIRBUS INDUSTRIE modification No. 12202 has been embodied in production (SB A300-28-6063).

REASONS:

Investigations conducted by the manufacturer have found that if a short circuit occurs in the electrical bundle (115V) which supplies the fuel level sensors the sensors could overheat.

This overheating of the sensors could reach the self-ignition threshold of the fuel vapours and lead to a risk of explosion in the tank.

The purpose of Revision 1 of this Airworthiness Directive (AD) is to introduce corrective actions for A300 aircraft in their FFCC version, "forward facing" cockpit in order to refer to SB A300-28-0082 associated to modification No. 12393.

ACTIONS:

At latest within 24 months following the effective date of this Airworthiness Directive at original issue, unless already accomplished, modify the electrical connectors supplying the fuel level sensors and, according to type of aircraft, replace the fuel level sensors in accordance with the instructions defined in SB's A300-28-0078 or A300-28-0082 or A310-28-2141 or A300-28-6063.

REF.: AIRBUS INDUSTRIE Service Bulletin A300-28-0078
AIRBUS INDUSTRIE Service Bulletin A300-28-0082
AIRBUS INDUSTRIE Service Bulletin A310-28-2141
AIRBUS INDUSTRIE Service Bulletin A300-28-6063
(Any later approved revision of these SBs is acceptable).

This Revision 1 replaces original AD 2000-481-324(B) dated November 29, 2000.

EFFECTIVE DATES :

Original AD : DECEMBER 09, 2000
Revision 1 : OCTOBER 27, 2001