

# 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. : 2002-172(B)  
In case of any difficulty, reference should be made to the French original issue.

## AIRBUS

### A300-600 aircraft

Modification of the segregation of the fuel system electrical line (ATA 28)

#### APPLICABILITY:

AIRBUS A300-600 aircraft, all certified models and all serial numbers, except for aircraft on which AIRBUS modification No. 12327 or AIRBUS INDUSTRIE Service Bulletin (SB) A300-28-6070 has been embodied.

#### REASONS:

Within the scope of the FSSP (Fuel System Safety Program), investigations on the 115 VAC electrical lines have evidenced that the segregation rules between the fuel gauging system electrical power supply "route S" and another power supply "route M" were not fully satisfactory.

The remainder of the analysis concluded that if a short circuit of "route S" occurs, significant overheating of the cadensicon sensor thermistor or of a fuel level sensor is possible.

This overheating could reach the fuel vapor self-ignition threshold hence a potential risk of explosion in the fuel tanks.

#### COMPLIANCE:

Within 4,000 flight hours following the effective date of this Airworthiness Directive, unless already accomplished, in the various zones defined in SB A300-28-6070 and in accordance with the instructions of this SB, insulate the electrical line (route "1S") from the fuel system.

---

REF.: AIRBUS INDUSTRIE Service Bulletin A300-28-6070  
Any later approved revision of this SB is acceptable.

---

**EFFECTIVE DATE : APRIL 13, 2002**