

# 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. : 1999-404-293(B)  
In case of any difficulty, reference should be made to the French original issue.

## AIRBUS INDUSTRIE

### A300 and A300-600 aircraft

Outer tanks - High level sensor (ATA 28)

#### APPLICABILITY:

A300 all certified models and A300-600 models B4-620 and B4-622 AIRBUS INDUSTRIE aircraft, all serial numbers on which AIRBUS INDUSTRIE modification No. 04489 has not been embodied in production.

#### REASONS:

During an A300 repetitive inspection, traces of friction wear were found on the harness located in the outer wing tanks and routed to the surge tank high level sensors.

Analyses showed that the harness rubbed against the Magnetic Level Indicator (MLI) body. Such a degradation of the harness, associated with lightning strike or short-circuit conditions on the cables connected to this harness outside the tank, could lead to a short-circuit between the harness and the MLI body or the surrounding metallic structure.

AIRBUS INDUSTRIE modification No. 04489 and the associated AIRBUS INDUSTRIE Service Bulletins A300-28-0058 and A300-28-6020 had been issued to modify the routing of the harness, in order to take it away from the MLI body.

However, an inspection program is necessary on all the aircraft which have already been modified in accordance with the Service Bulletins, in order to detect any traces of wear which would not have been revealed by a simple visual inspection when these Service Bulletins were applied.

This inspection program also applies to the aircraft, which have not yet been modified in accordance with these SB's.

#### ACTIONS:

1. Within 500 flight hours following the effective date of this Airworthiness Directive, unless already accomplished previously, perform a detailed visual inspection of the harness of the high level sensor, in accordance with the instructions of AIRBUS INDUSTRIE Alert Service Bulletin A300-28-0077 or A300-28-6062.

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2. Carry out the corrective actions (repairs) if necessary in accordance with the instructions of AIRBUS INDUSTRIE Alert Service Bulletin A300-28-0077 or A300-28-6062.
3. Depending on the results of the previous inspection and the corrective actions taken, repeat the same inspection in accordance with the intervals and the instructions of AIRBUS INDUSTRIE Alert Service Bulletin A300-28-0077 or A300-28-6062.

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REF. : Associated AIRBUS INDUSTRIE Service Bulletins A300-28-0058 and A300-28-6020  
AIRBUS INDUSTRIE Alert Service Bulletin A300-28-0077 or A300-28-6062  
(original issues or any later approved revisions of these Service Bulletins).

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**EFFECTIVE DATE : OCTOBER 16, 1999**