



CIVIL AVIATION AUTHORITY
CZECH REPUBLIC
Airworthiness Division

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AIRWORTHINESS DIRECTIVE

Number: CAA-AD-090/2003

Date of issue: November 26, 2003

AIRBUS

A310, A300-600

AIRCRAFT - ELECTRICAL SYSTEM - INTERFERENCE BETWEEN WIRING AT RACK 107VU AND CONTACTOR 9DG - MODIFICATION

Applicability: AIRBUS A310 and A300-600 aircraft, all certified models, all serial numbers on which AIRBUS modification 10750 in production or AIRBUS Service Bulletin (SB) A310-30-2023 or A300-30-6017 in service (original issue or any later approved revision) have been embodied, except for aircraft on which AIRBUS modification 12165 or 12484 has been embodied or aircraft modified in accordance with SB A310-24-2087 or SB A300-24-6081.

Effective date: December 01, 2003

Compliance: Required as indicated DGAC AD F-2003-412 B.

Remarks: The compliance of this AD must be recorded in Aircraft Logbook, where applicable the requirements of this AD must be integrated into Aircraft Technical Documentation. Address inquiries concerning this AD to: Civil Aviation Authority, Airworthiness Division, Ruzyně Airport, 160 08 Prague 6, Czech Republic, tel.: 420 2 33320922, fax: 420 2 20562270.

Ing. Pavel MATOUŠEK
Director

DGAC AD No. F-2003-412 B

Issue date: November 12, 2003

Person in charge of airworthiness: AIRBUS

Type(s): A310 and A300-600 aircraft

Type certificate(s) No. 72

TCDS No. 145

ATA chapter(s): 24

Subject:

Electrical system - Interference between wiring at rack 107VU and contactor 9DG

1. EFFECTIVITY:

AIRBUS A310 and A300-600 aircraft, all certified models, all serial numbers on which AIRBUS modification 10750 in production or AIRBUS Service Bulletin (SB) A310-30-2023 or A300-30-6017 in service (original issue or any later approved revision) have been embodied, except for aircraft on which AIRBUS modification 12165 or 12484 has been embodied or aircraft modified in accordance with SB A310-24-2087 or SB A300-24-6081.

2. REASONS:

Further to the introduction of modification 10750 in production, a case of interference between the wiring looms located at the hinge of rack 107VU and the terminals of contactor 9DG has been reported.

This situation, if left uncorrected, might result in possible short circuits in the cable looms supplying the fuel pump systems and the pitot probe heating system, thus leading to a loss of function, and therefore reduce the flight safety objective.

3. MANDATORY ACTIONS AND COMPLIANCE TIMES:

Within 12 months at the latest following the effective date of this Airworthiness Directive, unless already accomplished, relocate contactor 9DG located at rack 107VU and add a protective sleeve on both wiring looms located at the rack hinge in accordance with the instructions of SB A310-24-2087 or A300-24-6081 as applicable.

4. REFERENCE PUBLICATIONS:

AIRBUS SB A300-24-6081

AIRBUS SB A310-24-2087

(Any later approved revision of these SB's is acceptable).

5. EFFECTIVE DATE:

November 22, 2003.

6. REMARK:

For questions concerning the technical contents of this AD requirements, contact: AIRBUS - Hubert ANGELIER - Facsimile: 33 (0)5 61 93 45 80