



CIVIL AVIATION AUTHORITY
CZECH REPUBLIC
Airworthiness Division

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AIRWORTHINESS DIRECTIVE

Number: CAA-AD-073/2004

Date of issue: September 02, 2004

AIRBUS SAS

A300, A310, A300-600

AIRCRAFT - STANDBY HORIZON - INSPECTION/MODIFICATION

Applicability: AIRBUS A300, A310 and A300-600 aircraft, all certified models and all serial numbers.

Effective date: September 30, 2004

Compliance: Required as indicated F-2004-098.

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 233320922, fax: 420 220562270. This AD has been issued in accordance with F-2004-098, which is approved under EASA reference No. 2004-7025.

Ing. Pavel MATOUŠEK
Director

DGAC AD No.: F-2004-098

July 07, 2004

**AIRBUS SAS
A300, A310 and A300-600 aircraft**

Type certificate(s) No.: 72

TCDS No.: 145

ATA chapter: 31, 33

This AD is published by the DGAC on behalf of EASA, the Primary Airworthiness Authority for the affected product.

Standby horizon - Improvement and inspection of integral lighting logic

1. EFFECTIVITY:

AIRBUS A300, A310 and A300-600 aircraft, all certified models and all serial numbers.

2. REASONS:

An A300-600 aircraft operator, in take-off phase, reported the loss, for several seconds, of 6 cathode ray tubes and the integral lighting of the standby instruments.

Identical failure conditions by night in a cockpit with insufficient lighting would prevent the reading of the aircraft attitude information.

Due to this and in order to avoid loss of the standby horizon integral lighting, the manufacturer has developed a modification which consists in changing the electrical power logic.

The aim of this Airworthiness Directive (AD) is to render mandatory this modification and the associated maintenance program.

3. MANDATORY ACTIONS AND COMPLIANCE TIMES:

3.1. Modification:

Within the 12 months following the effective date of this AD, unless already accomplished, carry out the electrical modifications on aircraft in accordance with the instructions of SB A300-31-0077 or A310-31-2120 Revision 1 or A300-31-6105 Revision 2 as applicable.

Note 1: A300-600 aircraft MSN 0831, 0832, 0833, 0834, 0835 and from MSN 0839 included have received in production the embodiment of modifications 12513 and 12730. They are not concerned by the requirements of paragraph 3.1. of this AD.

Note 2: A300-600 aircraft MSN 0836, 0837 and 0838 have received in production the embodiment of modification 12513. They have not received the embodiment in production of modification 12730. They must receive the additional work required by SB A300-31-6105 Revision 2.

3.2. Operational test:

3.2.1. Within the 600 flight hours following the embodiment on aircraft of the modification specified in paragraph 3.1. above or within the 600 flight hours following the effective date of this AD, whichever occurs later, perform an operational test of the standby horizon integral lighting logic and accomplish the corrective actions, if necessary, in accordance with the instructions of applicable SB A300-33-0126 or A310-33-2047 or A300-33-6049.

A300-600 aircraft MSN 0831, 0832, 0833, 0834, 0835 and from MSN 0839 inclusive must be inspected before the accumulation of 600 flight hours since new or within the 600 flight hours which follow the effective date of this AD,

whichever occurs later, in accordance with the instructions of SB A300-33-6049.

3.2.2. Repeat the previous inspection at intervals not exceeding 600 flight hours.

4. REFERENCE PUBLICATIONS:

AIRBUS Service Bulletins

A300-31-0077

A310-31-2120 Revision 1

A300-31-6105 Revision 2

A300-33-0126

A310-33-2047

A300-33-6049

Any later approved revision of these SBs is acceptable.

5. EFFECTIVE DATE:

July 17, 2004.

6. REMARK:

For questions concerning the technical contents of this AD' s requirements, contact:

AIRBUS SAS - Hubert Angelier - Fax: 33 5 61 93 45 80

7. APPROVAL:

This AD is approved under EASA reference No 2004-7025 dated June 29, 2004.