

# 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. : 1998-516-013(A) R2  
In case of any difficulty, reference should be made to the French original issue.

## EUROCOPTER

### AS 332 L2 helicopters

Power loss printed circuit boards (ATA 05, 31, 77)

#### 1. EFFECTIVITY:

Helicopters model AS 332 L2 equipped with Power Loss printed circuit boards, P/Nos.:

- SE01973 (704A47720109)
- SE01958 (704A47720091 amendments A and B).

Aircraft modified per MOD 07 26038 or in compliance with EUROCOPTER AS 332 Service Bulletin No. 77.00.09 are not affected by this Airworthiness Directive.

**Note:** This Airworthiness Directive is intended for maintenance personnel and crews.

#### 2. REASONS:

This Airworthiness Directive is prompted following the discovery of the Autotest function weakness of the Power Loss printed circuit board, which could lead, in case of engine failure, to unavailability of the emergency one-engine-inoperative rating in the remaining engine.

Revision 1 of this Airworthiness Directive introduces an alternative manual check procedure of the printed circuit board.

Also, it reminds the prohibition of the installation of Power Loss printed circuit board P/N SE01958 (704A47720091 amendments C and D) introduced by Airworthiness Directive 98-290-011(A) which can therefore be canceled.

Revision 2 of this Airworthiness Directive replaces Service Telex No. 05.00.51 R1 with an Alert Service Bulletin (ASB) having the same number. Revision 2 does not change the technical content of this Airworthiness Directive but adds further details in chapter 1 above.

#### 3. MANDATORY ACTIONS AND COMPLIANCE TIME:

From the effective date of Revision 1 of this Airworthiness Directive, comply with one of the two procedures specified in paragraphs 3.1. and 3.2., then adopt the measures described in paragraph 3.3. below.

3.1. Comply with the procedure defined in paragraph 2.B.1 of referenced EUROCOPTER AS 332 Alert Service Bulletin (ASB) No. 05.00.51:

- at each engine start-up,
- before each engine shut-down.

Or:

3.2. Comply with procedure 1 defined in paragraph 2.B.2 of referenced Alert Service Bulletin:

- at each engine start-up,
- before each engine shut-down,

and every 50 flying hours, comply with procedure 2 defined in paragraph 2.B.2 of referenced Alert Service Bulletin:

- once at engine start-up and,
- once before engine shut-down.

3.3. Measures to be taken:

If one of the checks specified:

- in referenced Alert Service Bulletin paragraph 2.B.1, items b, c, d and e, when complying with paragraph 3.1. above,
- or in referenced Alert Service Bulletin paragraph 2.B.2 items c and e of procedure 1, or paragraph 2.B.2 items d, h, i and l of procedure 2 when complying with paragraph 3.2 above,

proves to be unsatisfactory on one of the two engines, the Power Loss function is defective. In this case:

- cancel the flight,
- before the next flight, replace the Power Loss PCB with one of the PCBs specified in chapter 1 above.

3.4. Reminder:

Since October 1<sup>st</sup>, 1998, the installation of Power Loss printed circuit board P/N SE01958 (704A47720091 amendments C and D) is prohibited in application of EUROCOPTER AS 332 Service Bulletin No. 31.00.11. This reminder corresponds to the prescriptions of paragraph 3.2. of Airworthiness Directive No. 98-290-011(A) which is canceled by its Revision 1.

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**REF.:** EUROCOPTER AS 332 Alert Service Bulletin No. 05.00.51  
EUROCOPTER AS 332 Service Bulletin No. 31.00.11

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This Revision 2 replaces AD 1998-516-013(A) R1 dated April 07, 1999.

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**EFFECTIVE DATES :**

**Original AD : On receipt of the telegraphic AD  
issued DECEMBER 29, 1998**  
**Revision 1 : APRIL 17, 1999**  
**Revision 2 : MARCH 03, 2001**