

# 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. : 1998-517-048(A) R2  
In case of any difficulty, reference should be made to the French original issue.

## EUROCOPTER

### AS 365 N helicopters

Power Loss printed circuit boards - Functional check (ATA 05, 71)

#### 1. EFFECTIVITY

AS 365N3 helicopters which have not been modified per MOD 07 71B84 and MOD 07 71B86 or per EUROCOPTER AS 365N Service Bulletin No. 71.00.13 R1 and which are equipped with Power Loss PCBs P/N SE04023 (704A46860004).

#### 2. REASONS

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

Revision 1 of this Airworthiness Directive takes into consideration the replacement of the Service Telex with the Service Bulletin and defines the effectivity for the material concerned. Then it replaces AD 98-289-046(A) which is cancelled.

Revision 2 of this Airworthiness Directive takes into consideration the revision of EUROCOPTER AS 365 N Service Bulletin No. 71.00.13 R1, but does not change the technical information.

#### 3. MANDATORY ACTIONS AND COMPLIANCE

The following checks must be carried out from the effective date of the original issue of this Airworthiness Directive.

3.1. At each engine start-up, comply with the instructions defined in paragraphs 2B1 to 2B6 of reference EUROCOPTER AS 365 N Service Bulletin No. 05.00.40.

3.2. Before each engine shut-down, comply with the instructions defined in paragraphs 2B2 to 2B6 of reference Service Bulletin.

.../...

**3.3. Actions to be taken:**

The Power Loss PCB function is defective, if the result of one of the checks defined in paragraphs 2B1 to 2B6 of reference Service Bulletin is unsatisfactory. In this case:

- cancel the flight,
- before the next flight, replace the Power Loss PCB with a PCB having a part number specified in paragraph 1 of this Airworthiness Directive.

**3.4. Incorporate Conditional Revision D dated 00.06 in the Aircraft Flight Manuals.****3.5. Remind:**

Since October 1<sup>st</sup>, 1998, the installation of PCBs P/N SE04012 (704A.46860 002), is forbidden in application of EUROCOPTER AS 365 N SB No. 01.00.48. This ban was the subject of paragraph 3.3. of AD 98-289-046(A) dated August 12, 1998 which is cancelled by its Revision 1 dated April 05, 2000.

---

**REF. :** EUROCOPTER AS 365N Service Bulletin No. 05.00.40 R1  
Flight Manual : Conditional Revision D dated 00-06.

---

This Revision 2 replaces Airworthiness Directive 1998-517-048(A) R1 dated April 05, 2000.

---

**EFFECTIVE DATES :**

**Original AD : On receipt of telegraphic AD  
issued on DECEMBER 29, 1998**  
**Revision 1 : APRIL 15, 2000**  
**Revision 2 : DECEMBER 23, 2000**