

PŘÍKAZ K ZACHOVÁNÍ LETOVÉ ZPŮSOBILOSTI

CAA-AD-026/2001R1

Nahrazuje CAA-AD-026/2001

Datum vydání: 17. července 2001

LETOUN - LETOVÁ PŘÍRUČKA - VÝKONOVÁ DATA (ATA 72)

Týká se: letadel AIRBUS INDUSTRIE A310 a A300-600, verzí A310-324, A310-325, A300 B4-622 a A300 B4-622R (vybavených motory PW 4000 vyrobených firmou Pratt & Whitney), všech výrobních čísel, jak je blíže uvedeno v DGAC AD 2001-086(B) R1 v části "Applicability".

Datum účinnosti: 06. září 2001

Provést v termínech: Jak je popsáno v DGAC AD 2001-086(B) R1, od data účinnosti tohoto PZZ.

Postup provedení prací: Dle DGAC AD 2001-086(B) R1 (příloha tohoto PZZ).

Poznámky: Provedení tohoto PZZ musí být zapsáno do letadlové knihy. Případné dotazy týkající se tohoto PZZ adresujte na ÚCL technický inspektorát - Ing. Toman.- Pokud to vyžaduje povaha tohoto PZZ, musí být zapracován do příslušné části dokumentace pro obsluhu, údržbu a opravy letadla. Tento PZZ byl vypracován na základě DGAC AD 2001-086(B) R1, který nahrazuje DGAC AD 2001-086(B).

Ing. Pavel MATOUŠEK
Ředitel technického inspektorátu
Úřad pro civilní letectví

DGAC AD No.: 2001-086(B) R1
AIRBUS INDUSTRIE
A310 and A300-600 aircraft

A310 and A300-600 aircraft equipped with PW 4000 engines - Performance data (ATA 72)

APPLICABILITY:

AIRBUS INDUSTRIE A310 and A300-600 aircraft, models A310-324, A310-325, A300 B4-622 and A300 B4-622R (equipped with Pratt & Whitney engines PW 4000), all serial numbers, except for aircraft fitted with current production FB2C fan blades (Phase 3) on both engines.

Note: Aircraft on which AIRBUS INDUSTRIE modification No. 10925 has been embodied are equipped with phase 3 engines, and are not subject to the requirements of this Airworthiness Directive (AD).

REASONS:

Some engines of the PW 4000 series fitted with the early production standards of fan blades (Phase 0/1 - FB2B or FB2T) do not produce the level of thrust indicated in the Flight Manual (AFM).

This thrust shortfall, due to the erosion of the fan blade leading edge, results in acceleration and climb performance lower than those specified in the AFM.

The aim of Revision 1 of this Airworthiness Directive (AD) is to introduce a Pratt & Whitney Service Bulletin as an Alternative Means of Compliance (AMOC) in paragraph ACTIONS.

ACTIONS:

The following actions are rendered mandatory from the effective date of this AD.

From the effective date of this AD at original issue, unless already accomplished:

- introduce the following Temporary Revisions into the A310 and A300-600 Flight Manuals:

- A310 Flight Manual Temporary Revision 5.03.00/01
 - A310 Flight Manual Temporary Revision 5.03.00/02
 - A300-600 Flight Manual Temporary Revision 5.03.00/01
- which incorporate the necessary performance adjustments.

or

- Perform a restoration of the fan blades leading edge contour every 450 engine cycles in accordance with one of the procedures and with the instructions of Pratt & Whitney Service Bulletin PW4ENG 72-731, with the following constraints:

- The operator must put in place a means to record cycle numbers for individual blades. If a fan rotor is assembled with blades that have mixed cycles, the rotor sets assumes the highest number of cycles of any blade in the rotor.

- Additionally, if Pratt & Whitney Service Bulletin PW4ENG 72-732 is used to restore the fan blades leading edge contour:

- Initial heavy erosion removal using the motorized tool shall be accomplished by a Pratt & Whitney special team. Use of the motorized tool either on wing or off wing is restricted to a Pratt & Whitney team.
- Further hand tool scrape procedure can only be done by operators who have been trained by a Pratt & Whitney team.

Note: Knowing that this AD is not applicable to aircraft fitted with FB2C (Phase 3) fan blades on both engines, the operators of these aircraft, who have already introduced the above-referenced AFM Temporary Revisions (T.R.s), can remove these T.R.'s.

REF.:

- A310 Flight Manual Temporary Revision 5.03.00/01
- A310 Flight Manual Temporary Revision 5.03.00/02
- A300-600 Flight Manual Temporary Revision 5.03.00/01
- Pratt & Whitney Service Bulletins:
 - PW4ENG 72-731
 - PW4ENG 72-732

(All later approved revision of these SBs is acceptable)

This Revision 1 replaces original AD 2001-086(B) dated March 07, 2001

EFFECTIVE DATES:

Original AD: MARCH 31, 2001

Revision 1: JULY 07, 2001