	AIRWORTHINESS DIRECTIVE No F-1990-141-114 R4		Distribution: B	Issue date: June 23, 2004	Page : 1/2
	This Airworthiness Directive is published by the DGAC : <input checked="checked" type="checkbox"/> on behalf of EASA, the Primary Airworthiness Authority for the affected product. <input type="checkbox"/> as the Registration Airworthiness Authority for the affected aircraft..			<i>Translation of « Consigne de Navigabilité » of same number. In case of difficulty, reference should be made to the French issue.</i>	
GSAC publication	No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive, unless otherwise agreed with the Authority of the State of Registry.				
Corresponding foreign Airworthiness Directive(s): Not applicable			Airworthiness Directive(s) replaced: 90-141-114 R3		
Person in charge of airworthiness: AIRBUS SAS			Type(s): A310 and A300-600 aircraft		
Type certificate(s) No. 72 TCDS No 145					
ATA chapter: 73		Subject: PW4000 series engines - HPC damage and surge			

1. **EFFECTIVITY:**

AIRBUS A310 and A300-600 aircraft fitted with PRATT & WHITNEY 4152 and 4158 engines on which AIRBUS production modification No. 10265 has not been embodied.

2. **REASONS:**

This Airworthiness Directive (AD) is issued to prevent damage of the high pressure compressor and engine surge.

Revision 4 of this AD reduces the scope of the "effectivity" paragraph and does not introduce any new action.


3. **MANDATORY ACTIONS AND COMPLIANCE TIMES:**

The following measures are rendered mandatory within 30 days from the effective date of this AD at original issue :

1. Enter into the aircraft flight manual the Temporary Revision No 2.040.0/7 for A310 and 2.04.00/3 for A300-600.
2. According to the AIRBUS INDUSTRIE Service Information Letter No 72-001 Revision 1 install in the cockpit a placard indicating the following:

"BEFORE TAKE OFF, SET ENG ANTI ICE TO ON
KEEP ENG ANTI ICE ON FOR ANY OPERATION BELOW 15,000 FT"

3. Accomplishment of the AIRBUS INDUSTRIE Service Bulletin A310-73-2020 or A300-73-6016 (AIRBUS INDUSTRIE modification 8874) related to Service Bulletin PRATT & WHITNEY PW4ENG 73-110 is relieving from the requirements 1 and 2 mentioned here above, provided that both engines fitted on the aircraft are equipped with FADEC SCN 10E/U or with FADEC SCN 10F/U (AIRBUS INDUSTRIE Service Bulletin A310-73-2022 or A300-73-6018).

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Note 1: A return to a situation whereby both engines are not equipped with FADEC SCN 10E/U or FADEC SCN 10F/U is not allowed after the specified requirements 1 and 2 mentioned here above have been cancelled.

Note 2: In the case that only one engine/FADEC has been modified. The requirements 1 and 2 specified here above apply.

Note 3: Accomplishment of Service Bulletin AIRBUS INDUSTRIE A310-73-2020 or A300-73-6016 requires either previous or simultaneous incorporation of both Service Bulletins PRATT & WHITNEY PW4ENG 72-147 and PW4ENG 72-197.

4. REFERENCE PUBLICATIONS:

AIRBUS:

AFM A310 TR 2.04.00/7

AFM A300-600 TR 2.04.00/3

SIL 72-001 Revision 1

SB A310-73-2020 and A300-73-6016

SB A310-73-2022 and A300-73-6018.

PRATT & WHITNEY:

SB PW4ENG 73-110

SB PW4ENG 72-147

SB PW4ENG 72-197

Any later approved revision of these documents is acceptable.

5. EFFECTIVE DATES:

Original issue : July 30, 1990 (Telegraphic AD)

Revision 1 : October 03, 1990

Revision 2 : August 15, 1992

Revision 3 : October 10, 1992

Revision 4 : July 03, 2004.

6. REMARK:

For questions concerning the technical content of the requirements in this AD, contact:

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

7. APPROVAL:

This AD is approved under EASA reference No 2004-6372 dated June 15, 2004.