 Direction générale de l'aviation civile France GSAC publication	AIRWORTHINESS DIRECTIVE No F-2003-457 R1		Distribution: B	Issue date: December 22, 2004	Page : 1/2
	This Airworthiness Directive is published by the DGAC on behalf of EASA, Airworthiness Authority of the State of Design for the affected product, part or appliance.			<i>Translation of « Consigne de Navigabilité » of same number. In case of difficulty, reference should be made to the French issue.</i>	
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: F-2003-457 original issue		
Person in charge of airworthiness: AIRBUS SAS			Type(s): A300 aircraft		
Type certificate(s) No. 72 TCDS No 145					
ATA chapter: 34		Subject: Inspection of HONEYWELL angle of attack sensors			

1. EFFECTIVITY:

AIRBUS A300 aircraft all certified models and all serial numbers except for A300-600 series, equipped with HONEYWELL angle of attack (AOA) sensors PN 965-4020-007.

2. REASONS:

In take-off phase, several spurious stall warnings associated with stick-shaker activation have been reported and allocated, after investigation, to defective AOA sensors.


In order to significantly improve the reliability of these sensors and by this substantially reduce the number of spurious stall warning cases, regular maintenance actions are rendered mandatory by this Airworthiness Directive (AD).

Revision 1 of this AD extends the compliance time.

3. MANDATORY ACTIONS AND COMPLIANCE TIMES:

The following actions are rendered mandatory on the effective date of this AD at original issue:

- 3.1. Within 4,500 flight hours following the effective date of this AD at original issue or before December 31, 2007, whichever occurs first, check the type and the PN of the three AOA sensors installed on the aircraft and remove any sensors of HONEYWELL PN 965-4020-007 type in accordance with the instructions of AIRBUS Service Bulletin (SB) A300-34-0176.
- 3.2. Replace the removed sensors by new sensors or sensors revised by HONEYWELL in accordance with the instructions of SB A300-34-0176.
- 3.3. At intervals not exceeding 8000 flight hours or 8 years, whichever occurs first, remove the three AOA sensors and replace them in compliance with paragraph 3.2. above.

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Note 1: It is the operator's responsibility to ensure that the aircraft is in compliance with the requirements of this AD when removing/installing an AOA sensor with PN 965-4020-007.

Note 2: Replacement of Honeywell AOA' s by Goodrich ones in accordance with SB BS A300-34-0092 Revision 3 exempts from the requirements of this AD.

4. REFERENCE PUBLICATION:

AIRBUS Service Bulletin A300-34-0176
(Any later approved revision of this SB is acceptable).

5. EFFECTIVE DATES:

Original issue : January 03, 2004
Revision 1 : January 01, 2005.

6. REMARK:

For questions concerning the technical content of the requirements of this AD, contact:
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7. APPROVAL:

This AD Revision is approved under EASA reference No 2004-12122 dated December 13, 2004.