

# AIRWORTHINESS DIRECTIVE

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*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. : 2002-594(B)  
In case of any difficulty, reference should be made to the French original issue.**

## AIRBUS

### A330 and A340 aircraft

Navigation - Pitot probes (ATA 34)

#### **1. APPLICABILITY:**

AIRBUS A330 and A340 aircraft, all certified models, all serial numbers, fitted with THALES AVIONICS Pitot probes P/N C16195AA with a serial number (S/N) lower than 4760.

**Note:** THALES AVIONICS was previously known as "SEXTANT" or "SEXTANT AVIONIQUE".

#### **2. REASONS:**

An operator reported airspeed discrepancy events on A320 aircraft further to Pitot probe obstruction.

The investigations performed by the supplier THALES AVIONICS revealed that the defect of the Pitot probes was due to a manufacturing defect at the drain holes.

This manufacturing defect contributes to the accumulation of external pollution which, combined with severe weather conditions, might obstruct the air intake of the Pitot probes, leading to bad total pressure Pt detection and therefore erroneous CAS/MACH parameters delivered by the ADR.

The purpose of this Airworthiness Directive (AD) is to require the application of the cleaning procedure recommended by the supplier to all Pitot probes of the THALES AVIONICS type P/N C16195AA with a S/N lower than 4760.

Reminder: Pitot probes of the THALES AVIONICS type P/N C16195AA have been installed in production in accordance with AIRBUS modification 45638 or in service in accordance with AIRBUS Service Bulletin (SB) A330-34-3071 or SB A340-34-4079.

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**3. COMPLIANCE:**

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

Unless already accomplished, within 700 flight hours following the effective date of this AD, apply the cleaning procedure of the 3 Pitot probes in accordance with the instructions of THALES AVIONICS SB C16195A-34-002.

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REF.: THALES AVIONICS Service Bulletin C16195A-34-002  
(Any further approved revision of this SB is acceptable).

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**EFFECTIVE DATE : DECEMBER 07, 2002**