

**Adoption of the Amendment**

■ Accordingly, pursuant to the authority delegated to me by the Administrator, the Federal Aviation Administration amends part 39 of the Federal Aviation Regulations (14 CFR part 39) as follows:

**PART 39—AIRWORTHINESS DIRECTIVES**

■ 1. The authority citation for part 39 continues to read as follows:

**Authority:** 49 U.S.C. 106(g), 40113, 44701.

**§ 39.13 [Amended]**

■ 2. Section 39.13 is amended by adding the following new airworthiness directive:

**2003–16–15** Airbus: Amendment 39–13268. Docket 2001–NM–314–AD.

*Applicability:* The series airplanes, certificated in any category, listed in the following table:

TABLE—APPLICABILITY

Model—	Equipped with honeywell initial reference units having part number—	Excluding airplanes modified in accordance with—
A300 B4–600, A300 B4–600R, and A300 F4–600R (collectively called A300–600); and A310.	HG1050BD02 or HG1050BD05 .....	Airbus Modification 12304 in production; or Airbus Service Bulletin A300–34–6135, Revision 01, dated September 10, 2001 (for Model A300–600 series airplanes); or Airbus Service Bulletin A310–34–2158, Revision 01, dated September 10, 2001 (for A310 Model A310 series airplanes); as applicable.

**Note 1:** This AD applies to each airplane identified in the preceding applicability provision, regardless of whether it has been otherwise modified, altered, or repaired in the area subject to the requirements of this AD. For airplanes that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (f) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if the unsafe condition has not been eliminated, the request should include specific proposed actions to address it.

*Compliance:* Required as indicated, unless accomplished previously.

To prevent loss of positioning data and a display of incorrect attitude data to the flightcrew, which could compromise the ability of the flightcrew to maintain the safe flight and landing of the airplane, accomplish the following:

**Replacement of Inertial Reference Units (IRU)**

(a) Within 35 months after the effective date of this AD: Replace the existing Honeywell IRUs with new or modified Honeywell IRUs, per the Accomplishment Instructions specified in Airbus Service Bulletin A300–34–6135, Revision 01 (for Model A300 B4–600, A300 B4–600R, and A300–F4–600R (collectively called A300–600 series airplanes)); or Service Bulletin A310–34–2158, Revision 01 (for Model A310 series airplanes); both dated September 10, 2001; as applicable.

(b) Accomplishment of the replacement specified in Airbus Service Bulletin A300–34–6135 (for Model A300–600 series airplanes); or Service Bulletin A310–34–2158 (for Model A310 series airplanes); both dated March 9, 2001; as applicable; is acceptable for compliance with the replacement requirement of paragraph (a) of this AD.

**Note 2:** Airbus Service Bulletin A300–34–6135, Revision 01; and Airbus Service Bulletin A310–34–2158, Revision 01; both dated September 10, 2001; reference

Honeywell Service Bulletin HG1050BD–34–0009, dated April 17, 2001; and Honeywell Service Bulletin HG1050BD–34–0010, Revision 001, dated April 16, 2001; as additional sources of service information for accomplishing the replacements required by this AD.

**For Model A300–600 Series Airplanes: Concurrent Requirements**

(c) For Model A300–600 series airplanes with manufacturer's serial numbers 0284, 0294, 0301, 0307, 0312, 0317, 0321, 0336, 0341, 0348, 0351, 0555, 0559, 0625, 0677, 0743, 0744, and 0749: Before or concurrently with the requirements of paragraph (a) of this AD, replace the Litton IRUs, mode selector units (MSU), and inertial sensor display unit (ISDU) with new Honeywell IRUs, MSUs, and a new ISDU, per Airbus Service Bulletin A300–34–6082, Revision 05, dated February 13, 1998. If this service bulletin is being performed concurrently with the requirements of paragraph (a) of this AD, the new or modified Honeywell IRUs required by paragraph (a) of this AD should be installed in lieu of the Honeywell part numbers listed in Revision 05 of Airbus Service Bulletin A300–34–6082.

**For Model A310 Series Airplanes: Concurrent Requirements**

(d) For the Model A310 airplane with manufacturer's serial number 0172: Before or concurrently with the requirements of paragraph (a) of this AD, replace the Litton IRUs, MSUs, and ISDU with new Honeywell IRUs, MSUs, and a new ISDU, per Airbus Service Bulletin A310–34–2104, dated May 12, 1995.

**Parts Installation**

(e) As of the effective date of this AD, no person shall install, on any airplane, any part listed in paragraphs (e)(1), (e)(2), or (e)(3) of this AD; as applicable.

(1) For Model A300–600 series airplanes and Model A310 series airplanes: Honeywell IRUs having part number HG1050BD02 or HG1050BD05.

(2) For Model A300–600 airplanes listed in paragraph (c) of this AD: Litton IRUs, MSUs, or ISDU having a part number identified in

paragraph 3.A. of Airbus Service Bulletin A300–34–6082, Revision 05, dated February 13, 1998.

(3) For the Model A310 airplane listed in paragraph (d) of this AD: Litton IRUs having part number 4618000200–2201 or 461800–02–102; MSUs having part number 461630–02; and an ISDU having part number 461640–08–03.

**Alternative Methods of Compliance**

(f) An alternative method of compliance or adjustment of the compliance time that provides an acceptable level of safety may be used if approved by the Manager, International Branch, ANM–116, Transport Airplane Directorate, FAA. Operators shall submit their requests through an appropriate FAA Principal Avionics Inspector, who may add comments and then send it to the Manager, International Branch, ANM–116.

**Note 3:** Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the International Branch, ANM–116.

**Special Flight Permits**

(g) Special flight permits may be issued in accordance with sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate the airplane to a location where the requirements of this AD can be accomplished.

**Incorporation by Reference**

(h) Unless otherwise specified in this AD, the actions shall be done in accordance with Airbus Service Bulletin A300–34–6135, Revision 01, dated September 10, 2001, and Airbus Service Bulletin A300–34–6082, Revision 05, dated February 13, 1998; or Airbus Service Bulletin A310–34–2158, Revision 01, dated September 10, 2001, and Airbus Service Bulletin A310–34–2104, dated May 12, 1995; as applicable. Airbus Service Bulletin A300–34–6082, Revision 05, dated February 13, 1998, contains the following list of effective pages: