

# PŘÍKAZ K ZACHOVÁNÍ LETOVÉ ZPŮSOBILOSTI

CAA-AD-074/2002

Datum vydání: 10. července 2002

## LETADLOVÉ ZAŘÍZENÍ - INERČNÍ REFERENČNÍ SYSTÉM - KONTROLA/VÝMĚNA

**Týká se:** letadel certifikovaných v jakékoliv kategorii, vybavených IRU, které odpovídají jedné z následujících podmínek:

1) Inerční referenční jednotka (IRU) katalogového čísla (P/N) HG1075AB05, jakéhokoliv výrobního čísla (poslední čtyři číslice) 0644 až 0723 (vyjma 0652 a 0659), která mají modifikační statut 3. Tento PZZ se nevztahuje na jednotky, jestliže mají modifikační statut 7; nebo

2) IRU P/N HG1075GB05, jakéhokoliv výrobního čísla (poslední čtyři číslice) 0652 nebo 0659, která mají modifikační statut 2. Tento PZZ se nevztahuje na jednotky, jestliže mají modifikační statut 6.

**Datum účinnosti:** 09. srpna 2002

**Provést v termínech:** Jak je popsáno v FAA AD 2002-13-07, od data účinnosti tohoto PZZ.

**Postup provedení prací:** Dle FAA AD 2002-13-07 (příloha tohoto PZZ).

*Poznámky: Provedení tohoto PZZ musí být zapsáno do letadlové knihy. Případné dotazy týkající se tohoto PZZ adresujte na ÚCL sekce technická - Ing. Kračmer. 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 FAA AD 2002-13-07.*

**Ing. Pavel MATOUŠEK**  
**Ředitel sekce technické**  
**Úřad pro civilní letectví**

**2002-13-07 Honeywell, Inc.:** Amendment 39-12795; Docket No. 2001-CE- 28-AD.

(a) *What aircraft are affected by this AD?* This AD affects any aircraft, certificated in any category, that incorporates one of the following:

(1) Inertial Reference Unit (IRU) part number (P/N) HG1075AB05, any serial number (last four digits) 0644 through 0723 (excluding 0652 and 0659), that incorporates modification status 3. This AD does not apply to these units if they incorporate modification status 7; or

(2) IRU P/N HG1075GB05, any serial number (last four digits) 0652 or 0659, that incorporates modification status 2. This AD does not apply to these units if they incorporate modification status 6.

**Note 1:** These IRUs are primarily used on early manufactured Dassault Falcon Jets, but could be incorporated on other aircraft through the technical standard order (TSO) or supplemental type certificate (STC).

(b) *Who must comply with this AD?* Anyone who wishes to operate an aircraft with any of the equipment identified in paragraph (a) of this AD installed must comply with this AD.

(c) *What problem does this AD address?* The actions specified by this AD are intended to ensure the correct transition of the IRU to battery power upon the loss of primary power. Failure of an IRU to transition to backup battery power could result in loss of attitude, heading, and position reference and lead to the pilot making flight decisions that put the aircraft in unsafe flight conditions.

(d) *What actions must I accomplish to address this problem?* To address this problem, you must accomplish the following:

Actions	Compliance	Procedures
(1) Inspect any affected IRU for proper function	Within the next 50 hours time-in-service (TIS) after August 9, 2002 (the effective date of this AD).	In accordance with the instructions in Honeywell Alert Service Bulletin HG1075AB-34-A0013, dated May 21, 2001; or Honeywell Alert Service Bulletin HG1075GB-34-A0005, dated May 21, 2001, as applicable.
(2) Remove any affected IRU from the airplane.	If found to not function properly during the inspection required by paragraph (d) (1) of this AD, remove prior to further flight after the inspection. If found to function properly, remove within 200 hours time-in-service (TIS) after the inspection required by paragraph (d)(1) of this AD.	In accordance with the instructions in Honeywell Alert Service Bulletin HG1075AB-34-A0013, dated May 21, 2001; or Honeywell Alert Service Bulletin HG1075GB-34-A0005, dated May 21, 2001, as applicable.
(3) Do not install, on any aircraft, one of the IRU's identified in paragraphs (a)(1) and (a)(2) of this AD, unless it has been modified at Honeywell, Inc. and updated to one of the following: (i) IRU P/N HG1075AB05 IRU Mod 7; or (ii) IRU P/N HG1075GB05 IRU Mod 6.	As of August 9, 2002 (the effective date of this AD).	Not Applicable.

(e) *Can I comply with this AD in any other way?* You may use an alternative method of compliance or adjust the compliance time if:

- (1) Your alternative method of compliance provides an equivalent level of safety; and
- (2) The Manager, Chicago Aircraft Certification Office (ACO), approves your alternative. Submit your request through an FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Chicago ACO.

**Note 2:** This AD applies to each airplane identified in paragraph (a) of this AD, regardless of whether it has been 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 (e) 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 you have not eliminated the unsafe condition, specific actions you propose to address it.

(f) *Where can I get information about any already-approved alternative methods of compliance?* Contact Wesley Rouse, Aerospace Engineer, FAA, Chicago Aircraft Certification Office, 2300 E. Devon Avenue, Des Plaines, Illinois 60018; telephone: (847) 294-8113; facsimile: (847) 294-7834.

(g) *What if I need to fly the airplane to another location to comply with this AD?* The FAA can issue a special flight permit under sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate your airplane to a location where you can accomplish the requirements of this AD.

(h) *Are any service bulletins incorporated into this AD by reference?* Actions required by this AD must be done in accordance with Honeywell Alert Service Bulletin HG1075AB-34-A0013, dated May 21, 2001 or Honeywell Alert Service Bulletin HG1075GB-34-A0005, dated May 21, 2001, as applicable. The Director of the Federal Register approved this incorporation by reference under 5 U.S.C. 552(a) and 1 CFR part 51. You may get copies from Honeywell, Inc., Customer Response Center at 1-877-436-2005. You may view copies at the FAA, Central Region, Office of the Regional Counsel, 901 Locust, Room 506, Kansas City, Missouri, or at the Office of the Federal Register, 800 North Capitol Street, NW, suite 700, Washington, DC.

(i) *When does this amendment become effective?* This amendment becomes effective on August 9, 2002.