

2010-12-09 Honeywell International Inc. (formerly AlliedSignal Inc., formerly Garrett Auxiliary Power Division): Amendment 39-16330. Docket No. FAA-2009-0803; Directorate Identifier 2009-NE-34-AD.

Effective Date

(a) This airworthiness directive (AD) becomes effective July 22, 2010.

Affected ADs

(b) None.

Applicability

(c) This AD applies to Honeywell International Inc. Auxiliary Power Unit (APU) models GTCP36-150(R) and GTCP36-150(RR). These APUs are installed on, but not limited to, Fokker Services B.V. Model F.28 Mark 0100, and F.28 Mark 0070 airplanes.

Unsafe Condition

(d) This AD results from eight reports of fuel leakage from the fuel control unit (FCU). We are issuing this AD to prevent fuel leakage in the APU compartment, which could lead to ignition of fuel vapor, creating a fire and explosion hazard resulting in injury, and damage to the APU and the airplane.

Compliance

(e) You are responsible for having the actions required by this AD performed at the next shop visit of the APU, or the next shop visit of the APU FCU, or before the APU accumulates an additional 4,000 operating hours, whichever occurs first after the effective date of this AD, unless the actions have already been done.

Inspection of the FCU Differential Pressure (Delta P) Sleeve Bore

(f) Inspect the FCU Delta P sleeve bore for erosion. Use paragraphs 3.B.(1) through 3.B.(4) of Honeywell International Inc. Service Bulletin (SB) No. 3882840-49-7975, Revision 1, dated April 10, 2009, to do the inspection:

- (1) If the erosion in the Delta P sleeve bore is 0.030 inch or more in depth, replace the FCU housing.
- (2) If the erosion in the Delta P sleeve bore is less than 0.030 inch in depth, the FCU housing is acceptable for use.

Installation of Fuel Deflector

(g) Install fuel deflector, part number 70720001-1, onto the Delta P sleeve of the FCU. Use paragraphs 3.B.(5) through 3.B.(9) of Honeywell International Inc. SB No. 3882840-49-7975, Revision 1, dated April 10, 2009, to do the installation.

Alternative Methods of Compliance

(h) The Manager, Los Angeles Aircraft Certification Office, has the authority to approve alternative methods of compliance for this AD if requested using the procedures found in 14 CFR 39.19.

Related Information

(i) Contact Roger Pesuit, Aerospace Engineer, Los Angeles Aircraft Certification Office, FAA, Transport Airplane Directorate, 3960 Paramount Blvd., Lakewood, CA 90712-4137; e-mail: roger.pesuit@faa.gov; telephone (562) 627-5251, fax (562) 627-5210, for more information about this AD.

Material Incorporated by Reference

(j) You must use Honeywell International Inc. SB No. 3882840-49- 7975, Revision 1, dated April 10, 2009, to perform the inspection and installation required by this AD. The Director of the Federal Register approved the incorporation by reference of this service bulletin in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Contact Honeywell International Inc., 111 S. 34th Street, Phoenix, Arizona 85034-2802; Web site: telephone No. (800) 601-3099; international telephone No. (601) 365-3099, for a copy of this service information. You may review copies at the FAA, New England Region, 12 New England Executive Park, Burlington, MA; or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: <http://www.archives.gov/federal-register/cfr/ibr-locations.html>.