

2009-17-05 Honeywell International Inc. (formerly AlliedSignal Inc., Garrett Engine Division; Garrett Turbine Engine Company; and AiResearch Manufacturing Company of Arizona): Amendment 39-15996. Docket No. FAA-2009-0555; Directorate Identifier 2009-NE-18-AD.

Effective Date

(a) This airworthiness directive (AD) becomes effective September 1, 2009.

Affected ADs

(b) None.

Applicability

(c) This AD applies to Honeywell International Inc. TPE331-10 and TPE331-11 series turboprop engines with a first stage turbine disk, P/N 3101520-1 or 3107079-1, serial number 2-03501-2299, 2-03501-2300, 2-03501-2301, 2-03501-2302, or 2-03501-2304 installed. These engines are installed on, but not limited to, the following airplanes: British Aerospace Jetstream 3201 series, Cessna Aircraft Company Model 441 Conquest, Construcciones Aeronauticas, S.A. (CASA) C-212 series, Dornier Luftfahrt Dornier 228 series, Hawker Beechcraft (formerly Raytheon, formerly Beech) B100, C90 and E90, M7 Aerospace (formerly Fairchild) SA226 and SA227 series (Swearingen Merlin and Metro series), Mitsubishi MU-2B series (MU-2 series), PZL M18 series, and Twin Commander 680 and 690 series (Jetprop Commander).

Unsafe Condition

(d) This AD results from a report of an uncontained failure of a first stage turbine disk that had a metallurgical defect. We are issuing this AD to prevent uncontained failure of the first stage turbine disk and damage to the airplane.

Compliance

(e) You are responsible for having the actions required by this AD performed within the compliance times specified unless the actions have already been done.

Removal of First Stage Turbine Disks From Service

(f) Within 25 flight hours or 25 cycles-in-service after the effective date of this AD, whichever occurs first, remove from service first stage turbine disks, P/N 3101520-1 and P/N 3107079-1, serial numbers 2-03501-2299, 2-03501-2300, 2-03501-2301, 2-03501-2302, and 2-03501-2304.

Installation Prohibition

(g) After the effective date of this AD, do not install first stage turbine disks, P/N 3101520-1 and P/N 3107079-1, serial numbers 2-03501-2299, 2-03501-2300, 2-03501-2301, 2-03501-2302, and 2-03501-2304, into any engine.

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 Joseph Costa, Aerospace Engineer, Los Angeles Aircraft Certification Office, FAA, Transport Airplane Directorate, 3960 Paramount Blvd., Lakewood, CA 90712-4137; e-mail: joseph.costa@faa.gov; telephone (562) 627-5246; fax (562) 627-5210, for more information about this AD.

(j) Honeywell International Inc. Alert Service Bulletin No. TPE331-72-A2150, dated June 13, 2008, pertains to the subject of this AD. Contact Honeywell International Inc., 111 S. 34th Street, Phoenix, AZ 85034-2802; Web site: <http://portal.honeywell.com>, for a copy of this service information, and for coordinating disk returns with the Honeywell Complete Customer Care Center.

Material Incorporated by Reference

(k) None.