

2011-18-51 Honeywell International, Inc.: Directorate Identifier 2011-NE-28-AD.

Effective Date

(a) This Emergency AD is effective upon receipt.

Affected ADs

(b) None.

Applicability

(c) This emergency AD applies to all Honeywell International, Inc. TPE331 model turboprop engines with a Dixie Aerospace, LLC main shaft bearing, P/N 3108098-1WD, installed.

Unsafe Condition

(d) This AD was prompted by a report of a main shaft bearing seizure event occurring after about 100 operating hours after installation of a part manufacturer approval (PMA) main shaft bearing, part number (P/N) 3108098-1WD, manufactured by Dixie Aerospace, LLC. This bearing failure mechanism is severe and sudden. We are issuing this AD to prevent engine main rotor seizure resulting in engine damage, shutdown, and damage to the airplane.

Compliance

(e) Comply with this AD within the compliance times specified, unless already done.

(f) For all airplanes with a Honeywell International, Inc. TPE331 model turboprop engine installed, where the engine was overhauled or replaced since February 1, 2010:

(1) Within 10 operating hours, inspect the airplane records to determine if a Dixie Aerospace, LLC main shaft bearing, P/N 3108098-1WD, is installed in the engine.

(2) Remove all Dixie Aerospace, LLC main shaft bearings, P/N 3108098-1WD, from service, before further flight.

Alternative Methods of Compliance (AMOCs)

(g) The Manager, Atlanta Aircraft Certification Office, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19.

Related Information

(h) For further information about this AD, contact: Juanita Craft, Aerospace Engineer, Atlanta Aircraft Certification Office, FAA, Atlanta Aircraft Certification Office, 1701 Columbia Avenue, College Park, GA 30337; phone: 404-474-5584; fax: 404-474-5606; e-mail: juanita.craft@faa.gov.