

**(c) Applicability**

This AD applies to Honeywell International Inc. ALF502L-2C, ALF502R-3, ALF502R-3A, ALF502R-5, LF507-1F, and LF507-IH turbofan engines with any of the second stage high pressure compressor (HPC2) discs, part number (P/N) 2-101-332-12, serial numbers (S/N) listed in Table 2 of Honeywell International Inc. Service Bulletin (SB) No. ALF/LF-72-1113, dated September 16, 2011, installed.

**(d) Unsafe Condition**

This AD was prompted by a report of cracks found in an HPC2 disc during routine inspection. We are issuing this AD to prevent the affected discs from fracturing before reaching the currently published life limit. A disc fracture could result in an uncontained failure of the disc and damage to the airplane.

**(e) Compliance**

Comply with this AD before accumulating 4,500 cycles-since-new on the affected HPC2 disc, or before exceeding 7 years after the effective date of this AD, whichever occurs first, unless already done.

**(f) Removal of Affected HPC2 Discs**

Remove from service HPC2 discs, P/N 2-101-332-12, S/Ns listed in Table 2 of Honeywell International Inc. SB No. ALF/LF-72-1113, dated September 16, 2011.

**(g) Alternative Methods of Compliance (AMOCs)**

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

**(h) Related Information**

For more information about this AD, contact Robert Baitoo, Aerospace Engineer, Los Angeles Aircraft Certification Office, FAA, 3960 Paramount Blvd., Lakewood, CA 90712; *phone:* (562) 627-5245; *fax:* (562) 627-5210; *email:* robert.baitoo@faa.gov.

**(i) Material Incorporated by Reference**

You must use the following service information to do the actions required by this AD, unless the AD specifies otherwise. The Director of the Federal Register approved the incorporation by reference (IBR) under 5 U.S.C. 552(a) and 1 CFR part 51 of the following service information on the date specified:

(1) Honeywell International Inc. Service Bulletin No. ALF/LF-72-1113, dated September 16, 2011, approved for IBR December 14, 2011.

(2) For service information identified in this AD, contact Honeywell International Inc., P.O. Box 52181, Phoenix, AZ 85072-2181, *phone:* (800) 601-3099; *Web site:* <http://portal.honeywell.com/wps/portal/aero>.

(3) You may review copies of the service information at the FAA, Engine & Propeller Directorate, 12 New England Executive Park, Burlington, MA. For information on the availability of this material at the FAA, call (781) 238-7125.

(4) You may also review copies of the service information that is incorporated by reference at the National Archives and

Records Administration (NARA). For information on the availability of this material at an NARA facility, call (202) 741-6030, or go to [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html).

Issued in Burlington, Massachusetts, on November 15, 2011.

**Peter A. White,**

*Manager, Engine & Propeller Directorate, Aircraft Certification Service.*

[FR Doc. 2011-30575 Filed 11-28-11; 8:45 am]

**BILLING CODE 4910-13-P**

**DEPARTMENT OF TRANSPORTATION****Federal Aviation Administration****14 CFR Part 39**

**[Docket No. FAA-2010-1206; Directorate Identifier 2009-NM-216-AD; Amendment 39-16868; AD 2011-24-04]**

**RIN 2120-AA64**

**Airworthiness Directives; McDonnell Douglas Corporation Airplanes**

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Final rule.

**SUMMARY:** We are adopting a new airworthiness directive (AD) for certain Model DC-10-10, DC-10-10F, and MD-10-10F airplanes. This AD was prompted by reports of three instances of fuel leaks in the lower cap splice of the wing rear spar at station Xors=409. Investigation revealed the fuel leak was due to a crack in the lower cap. If not corrected, this condition could result in fuel leaks or cracking of the lower wing skin and structure, causing possible inability of the structure to sustain the limit load and adversely affecting the structural integrity of the airplane. This AD requires repetitive inspections for cracking on the lower cap of the rear spar of the left and right wings between stations Xors=417 and the outboard edge of the lower cap splice of the wing rear spar at station Xors=400; temporary and permanent repairs if necessary; and repetitive inspections of repaired areas, and corrective actions if necessary. We are issuing this AD to correct the unsafe condition on these products.

**DATES:** This AD is effective January 3, 2012.

The Director of the Federal Register approved the incorporation by reference of certain publications listed in the AD as of January 3, 2012.

**ADDRESSES:** For service information identified in this AD, contact Boeing Commercial Airplanes, Attention: Data & Services Management, 3855

Lakewood Boulevard, MC D800-0019, Long Beach, California 90846-0001; telephone (206) 544-5000, extension 2; fax (206) 766-5683; email [dse.boecom@boeing.com](mailto:dse.boecom@boeing.com); Internet <https://www.myboeingfleet.com>. You may review copies of the referenced service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, Washington. For information on the availability of this material at the FAA, call (425) 227-1221.

**Examining the AD Docket**

You may examine the AD docket on the Internet at <http://www.regulations.gov>; or in person at the Docket Management Facility between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this AD, the regulatory evaluation, any comments received, and other information. The address for the Docket Office (phone: (800) 647-5527) is Document Management Facility, U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE., Washington, DC 20590.

**FOR FURTHER INFORMATION CONTACT:**

Nenita Odesa, Aerospace Engineer, Airframe Branch, ANM-120L, FAA, Los Angeles Aircraft Certification Office, 3960 Paramount Boulevard, Lakewood, California 90712-4137; *phone:* (562) 627-5234; *fax:* (562) 627-5210; *email:* [nenita.odesa@faa.gov](mailto:nenita.odesa@faa.gov).

**SUPPLEMENTARY INFORMATION:****Discussion**

We issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 to include an AD that would apply to the specified products. That NPRM was published in the **Federal Register** on December 30, 2010 (75 FR 82333). That NPRM proposed to require repetitive inspections for cracking on the lower cap of the rear spar of the left and right wings between stations Xors=417 and the outboard edge of the lower cap splice of the wing rear spar at station Xors=400; temporary and permanent repairs if necessary; and repetitive inspections of repaired areas, and corrective actions if necessary.

**Comments**

We gave the public the opportunity to participate in developing this AD. We received no comments on the NPRM (75 FR 82333, December 30, 2010) or on the determination of the cost to the public.

**New Service Information**

Since publication of the NPRM (75 FR 82333, December 30, 2010), Boeing has

issued Alert Service Bulletin DC10–57A156, Revision 2, dated August 23, 2011. We have updated the references in paragraphs (c) and (g) of this AD to include Boeing Alert Service Bulletin DC10–57A156, Revision 2, dated August 23, 2011. The changes in this revised service bulletin are for clarification only. However, certain inspections called eddy current test high frequency (ETHF) inspections in Boeing Alert Service Bulletin DC10–57A156, Revision 1, dated March 10, 2010 (which was referenced in the NPRM (75 FR 82333, December 30, 2010) as the appropriate source of service information for certain actions), are called high frequency eddy current inspections in Boeing Alert Service Bulletin DC10–57A156, Revision 2, dated August 23, 2011. This is different terminology for the same inspection method. We have followed the terminology in Boeing Alert Service Bulletin DC10–57A156, Revision 2, dated August 23, 2011, and used both terminologies as specified in Boeing Alert Service Bulletin DC10–57A156,

Revision 2, dated August 23, 2011. We are also allowing credit for actions done before the effective date of this AD, in accordance with Boeing Alert Service Bulletin DC10–57A156, Revision 1, dated March 10, 2010, and have added that reference to paragraph (h) of this AD.

Since publication of the NPRM (75 FR 82333, December 30, 2010), Boeing has also issued revised service rework drawings to clarify the repair instructions. These service rework drawings do not provide repairs for all conditions specified in the NPRM (75 FR 82333, December 30, 2010). We have updated the references in paragraph (g) of this AD to include Boeing DC–10–10 Service Rework Drawing SR10570019, Revision K, dated April 17, 2009, including Parts List PL SR10570019, Revision K, dated April 23, 2009, including Boeing Engineering Order, Revision L, dated April 14, 2010; and Boeing DC–10–10 Service Rework Drawing SR10570048, Revision K, dated October 7, 2010, including Parts List PL SR10570048, Revision K, dated October

14, 2010. We have also revised the actions in paragraph (g) of this AD to specify which conditions are addressed by these service rework drawings, and which conditions need a repair method approved by the FAA.

**Conclusion**

We reviewed the relevant data and determined that air safety and the public interest require adopting the AD as proposed with the changes described previously—except for minor editorial changes. We have determined that these minor changes:

- Are consistent with the intent that was proposed in the NPRM (75 FR 82333, December 30, 2010), for correcting the unsafe condition; and
- Do not add any additional burden upon the public than was already proposed in the NPRM.

**Costs of Compliance**

We estimate that this AD affects 68 airplanes of U.S. registry.

We estimate the following costs to comply with this AD:

**ESTIMATED COSTS**

| Action           | Labor cost   | Parts cost | Cost per product            | Cost on U.S. operators         |
|------------------|--|------------|-----------------------------|--------------------------------|
| Inspection ..... | 2 work-hours × \$85 per hour = \$170 per inspection cycle. | \$0        | \$170 per inspection cycle. | \$11,560 per inspection cycle. |

We have received no definitive data that would enable us to provide a cost estimate for the on-condition actions specified in this AD.

**Authority for This Rulemaking**

Title 49 of the United States Code specifies the FAA’s authority to issue rules on aviation safety. Subtitle I, section 106, describes the authority of the FAA Administrator. Subtitle VII: Aviation Programs, describes in more detail the scope of the Agency’s authority.

We are issuing this rulemaking under the authority described in Subtitle VII, Part A, Subpart III, Section 44701: “General requirements.” Under that section, Congress charges the FAA with promoting safe flight of civil aircraft in air commerce by prescribing regulations for practices, methods, and procedures the Administrator finds necessary for safety in air commerce. This regulation is within the scope of that authority because it addresses an unsafe condition that is likely to exist or develop on products identified in this rulemaking action.

**Regulatory Findings**

This AD will not have federalism implications under Executive Order 13132. This AD will not have a substantial direct effect on the States, on the relationship between the national government and the States, or on the distribution of power and responsibilities among the various levels of government.

*For the reasons discussed above, I certify that this AD:*

- (1) Is not a “significant regulatory action” under Executive Order 12866,
- (2) Is not a “significant rule” under DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979),
- (3) Will not affect intrastate aviation in Alaska, and
- (4) Will not have a significant economic impact, positive or negative, on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

**List of Subjects in 14 CFR Part 39**

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

**Adoption of the Amendment**

Accordingly, under the authority delegated to me by the Administrator, the FAA amends 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. The FAA amends § 39.13 by adding the following new airworthiness directive (AD):

**2011–24–04 McDonnell Douglas Corporation:** Amendment 39–16868; Docket No. FAA–2010–1206; Directorate Identifier 2009–NM–216–AD.

**(a) Effective Date**

This AD is effective January 3, 2012.

**(b) Affected ADs**

None.

**(c) Applicability**

This AD applies to McDonnell Douglas Corporation Model DC–10–10, DC–10–10F, and MD–10–10F airplanes; certificated in any category; as identified in Boeing Alert

Service Bulletin DC10-57A156, Revision 2, dated August 23, 2011.

**(d) Subject**

Air Transport Association (ATA) of America Code 57: Wings.

**(e) Unsafe Condition**

This AD results from reports of three instances of fuel leaks in the lower cap splice of the wing rear spar at station Xors=409. The Federal Aviation Administration is issuing this AD to detect and correct cracking on the lower cap of the rear spar of the left and right wings between stations Xors=417 and the outboard edge of the lower cap splice of the wing rear spar at station Xors=400, which could result in fuel leaks or cracking of the lower wing skin and structure, causing possible inability of the structure to sustain the limit load and adversely affecting the structural integrity of the airplane.

**(f) Compliance**

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

**(g) Inspection**

Within 1,750 flight cycles after the effective date of this AD, do an eddy current test high frequency (ETHF) inspection for cracking on the lower cap of the rear spar of the left and right wings between stations Xors=417 and the outboard edge of the lower cap splice of the wing rear spar at station Xors=400, in accordance with the Accomplishment Instructions of Boeing Alert Service Bulletin DC10-57A156, Revision 2, dated August 23, 2011.

(1) If no cracking is found, repeat the inspection required by paragraph (g) of this AD thereafter at intervals not to exceed 1,750 flight cycles.

(2) If any cracking is found in the spar cap aft leg at the fastener holes, and that cracking can be removed by hole enlargement, before further flight, do a permanent repair, in accordance with Boeing DC-10-10 Service Rework Drawing SR10570048, Revision K, dated October 7, 2010, including Parts List PL SR10570048, Revision K, dated October 14, 2010. Within 1,750 flight cycles after doing the applicable permanent repair, and thereafter at intervals not to exceed 1,750 flight cycles, do ETHF and high frequency eddy current inspections for cracking in accordance with Boeing DC-10-10 Service Rework Drawing SR10570048, Revision K, dated October 7, 2010, including Parts List PL SR10570048, Revision K, dated October 14, 2010. If any cracking is found during any inspection required by this paragraph, before further flight, repair the cracking, in accordance with the procedures specified in paragraph (i) of this AD.

(3) If any cracking is found in the spar cap aft leg at the fastener holes, and that cracking cannot be removed by hole enlargement but it does not extend into the vertical leg, before further flight, do the applicable actions specified in paragraph (g)(3)(i) or (g)(3)(ii) of this AD:

(i) If cracking is found between Station Xors=400 and inboard of Station Xors=408, repair the cracking, in accordance with the

procedures specified in paragraph (i) of this AD (Alternative Method of Compliance (AMOCs) paragraph).

(ii) If cracking is found between Stations Xors=408 and Xors=417, do a permanent repair, in accordance with Boeing DC-10-10 Service Rework Drawing SR10570048, Revision K, dated October 7, 2010, including Parts List PL SR10570048, Revision K, dated October 14, 2010. Within 4,550 flight cycles after doing a permanent repair, and thereafter at intervals not to exceed 4,550 flight cycles, do ETHF and ultrasonic inspections for cracking, in accordance with Boeing DC-10-10 Service Rework Drawing SR10570048, Revision K, dated October 7, 2010, including Parts List PL SR10570048, Revision K, dated October 14, 2010. If any cracking is found during any inspection required by this paragraph, before further flight, repair the cracking, in accordance with the procedures specified in paragraph (i) of this AD.

(4) If any cracking is found in the spar cap aft leg at fastener holes and that cracking extends into the vertical leg of the spar cap, do the actions specified in paragraph (g)(4)(i) or (g)(4)(ii) of this AD.

(i) If any cracking is found between Station Xors=400 and inboard of Station Xors=408, before further flight, do the applicable permanent repair, in accordance with Boeing DC-10-10 Service Rework Drawing SR10570019, Revision K, dated April 17, 2009, including Parts List PL SR10570019, Revision K, dated April 23, 2009, including Boeing Engineering Order, Revision L, dated April 14, 2010. Within 4,550 flight cycles after doing the permanent repair, and thereafter at intervals not to exceed 4,550 flight cycles, do ETHF and ultrasonic inspections for cracking of the repaired area, in accordance with Boeing DC-10-10 Service Rework Drawing SR10570019, Revision K, dated April 17, 2009, including Parts List PL SR10570019, Revision K, dated April 23, 2009, including Boeing Engineering Order, Revision L, dated April 14, 2010. If any cracking is found during any inspection required by this paragraph, before further flight, repair the cracking, in accordance with the procedures specified in paragraph (i) of this AD.

(ii) If any cracking is found between Stations Xors=408 and Xors=417, do the actions in paragraphs (g)(4)(ii)(A) or (g)(4)(ii)(B) of this AD.

(A) Do the actions in paragraphs (g)(4)(ii)(A)(1) and (g)(4)(ii)(A)(2) of this AD.

(1) Before further flight, do a temporary repair, in accordance with Boeing DC-10-10 Service Rework Drawing SR10570048, Revision K, dated October 7, 2010, including Parts List PL SR10570048, Revision K, dated October 14, 2010. Within 1,650 flight cycles after doing the temporary repair; and thereafter at intervals not to exceed 1,650 flight cycles, do ETHF and ultrasonic inspections for cracking of the repaired area, in accordance with Boeing DC-10-10 Service Rework Drawing SR10570048, Revision K, dated October 7, 2010, including Parts List PL SR10570048, Revision K, dated October 14, 2010, until the permanent repair required by paragraph (g)(4)(ii)(A)(2) of this AD is done. If any cracking is found during any inspection required by this paragraph, before

further flight, repair the cracking, in accordance with the procedures specified in paragraph (i) of this AD.

(2) Within 7,000 flight cycles after the temporary repair has been done, do the applicable permanent repair, in accordance with Boeing DC-10-10 Service Rework Drawing SR10570019, Revision K, dated April 17, 2009, including Parts List PL SR10570019, Revision K, dated April 23, 2009, including Boeing Engineering Order, Revision L, dated April 14, 2010. Within 4,550 flight cycles after doing the permanent repair, and thereafter at intervals not to exceed 4,550 flight cycles, do ETHF and ultrasonic inspections for cracking of the repaired area, in accordance with Boeing DC-10-10 Service Rework Drawing SR10570019, Revision K, dated April 17, 2009, including Parts List PL SR10570019, Revision K, dated April 23, 2009, including Boeing Engineering Order, Revision L, dated April 14, 2010. If any cracking is found during any inspection required by this paragraph, before further flight, repair the cracking, in accordance with the procedures specified in paragraph (i) of this AD.

(B) Before further flight do the applicable permanent repair, in accordance with Boeing DC-10-10 Service Rework Drawing SR10570019, Revision K, dated April 17, 2009, including Parts List PL SR10570019, Revision K, dated April 23, 2009, including Boeing Engineering Order, Revision L, dated April 14, 2010. Within 4,550 flight cycles after doing the permanent repair, and thereafter at intervals not to exceed 4,550 flight cycles, do ETHF and ultrasonic inspections for cracking of the repaired area, in accordance with Boeing DC-10-10 Service Rework Drawing SR10570019, Revision K, dated April 17, 2009, including Parts List PL SR10570019, Revision K, dated April 23, 2009, including Boeing Engineering Order, Revision L, dated April 14, 2010. If any cracking is found during any inspection required by this paragraph, before further flight, repair the cracking, in accordance with the procedures specified in paragraph (i) of this AD.

**(h) Credit for Actions Accomplished in Accordance With Previous Service Information**

Actions accomplished before the effective date of this AD according to Boeing Alert Service Bulletin DC10-57A156, dated September 16, 2009; and Revision 1, dated March 10, 2010; are considered acceptable for compliance with the corresponding actions specified in this AD.

**(i) Alternative Methods of Compliance (AMOCs)**

(1) The Manager, Los Angeles Aircraft Certification Office, (ACO) FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. Send information to ATTN: Nenita Odesa, Aerospace Engineer, Airframe Branch, ANM-120L, FAA, Los Angeles ACO, 3960 Paramount Boulevard, Lakewood, California 90712-4137; phone: (562) 627-5234; fax: (562) 627-5210; email: [nenita.odessa@faa.gov](mailto:nenita.odessa@faa.gov).

(2) To request a different method of compliance or a different compliance time

for this AD, follow the procedures in 14 CFR 39.19. Before using any approved AMOC on any airplane to which the AMOC applies, notify your principal maintenance inspector (PMI) or principal avionics inspector (PAI), as appropriate, or lacking a principal inspector, your local Flight Standards District Office. The AMOC approval letter must specifically reference this AD.

(3) An AMOC that provides an acceptable level of safety may be used for any repair required by this AD if it is approved by the Boeing Commercial Airplanes Organization Designation Authorization (ODA) that has been authorized by the Manager, Los Angeles ACO to make those findings. For a repair method to be approved, the repair must meet the certification basis of the airplane and 14 CFR 25.571, Amendment 45, and the approval must specifically refer to this AD.

#### (j) Related Information

For more information about this AD, contact Nenita Odesa, Aerospace Engineer, Airframe Branch, ANM-120L, FAA, Los Angeles ACO, 3960 Paramount Boulevard, Lakewood, California 90712-4137; *phone*: (562) 627-5234; *fax*: (562) 627-5210; *email*: [nenita.odessa@faa.gov](mailto:nenita.odessa@faa.gov).

#### (k) Material Incorporated by Reference

You must use the following service information to do the actions required by this AD, unless the AD specifies otherwise. The Director of the Federal Register approved the incorporation by reference (IBR) under 5 U.S.C. 552(a) and 1 CFR part 51 of the following service information on the date specified:

(1) Boeing Alert Service Bulletin DC10-57A156, Revision 2, dated August 23, 2011; IBR approved January 3, 2012.

(2) Boeing DC-10-10 Service Rework Drawing SR10570019, Revision K, dated April 17, 2009, including Parts List PL SR10570019, Revision K, dated April 23, 2009, including Boeing Engineering Order, Revision L, dated April 14, 2010; IBR approved January 3, 2012. Only Sheet 1 of this drawing indicates the revision date of this document.

(3) Boeing DC-10-10 Service Rework Drawing SR10570048, Revision K, dated October 7, 2010, including Parts List PL SR10570048, Revision K, dated October 14, 2010; IBR approved January 3, 2012. Only Sheet 1 of this drawing indicates the revision date for this document.

(4) For service information identified in this AD, contact Boeing Commercial Airplanes, Attention: Data & Services Management, 3855 Lakewood Boulevard, MC D800-0019, Long Beach, California 90846-0001; telephone (206) 544-5000, extension 2; fax (206) 766-5683; *email*: [dse.boecom@boeing.com](mailto:dse.boecom@boeing.com); Internet <https://www.myboeingfleet.com>.

(5) You may review copies of the service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, Washington. For information on the availability of this material at the FAA, call (425) 227-1221.

(6) You may also review copies of the service information that is incorporated by reference at the National Archives and

Records Administration (NARA). For information on the availability of this material at an NARA facility, call (202) 741-6030, or go to [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html).

Issued in Renton, Washington, on November 7, 2011.

**Kalene C. Yanamura,**

*Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.*

[FR Doc. 2011-29801 Filed 11-28-11; 8:45 am]

**BILLING CODE 4910-13-P**

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

**[Docket No. FAA-2011-1031; Directorate Identifier 2011-NE-27-AD; Amendment 39-16871; AD 2011-24-07]**

**RIN 2120-AA64**

#### **Airworthiness Directives; Turbomeca S.A. Arriel 2B Turboshift Engines**

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Final rule; request for comments.

**SUMMARY:** We are adopting a new airworthiness directive (AD) for the products listed above. This AD results from mandatory continuing airworthiness information (MCAI) issued by an aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as:

Non-conformities on adjustment of some hydromechanical units (HMUs) have been reported by a Turbomeca repair centre. The technical investigations carried out by Turbomeca are showing that only a limited number of HMUs are potentially affected by this non-conformity to HMU adjustment.

Twenty nine HMUs have been identified with the non-conformities. We are issuing this AD to prevent an uncommanded inflight shutdown, which could result in an emergency autorotation landing.

**DATES:** This AD becomes effective December 14, 2011.

We must receive comments on this AD by December 29, 2011.

The Director of the Federal Register approved the incorporation by reference of certain publications listed in the AD as of December 14, 2011.

**ADDRESSES:** You may send comments by any of the following methods:

- **Federal eRulemaking Portal:** Go to <http://www.regulations.gov> and follow

the instructions for sending your comments electronically.

- **Mail:** U.S. Department of Transportation, 1200 New Jersey Avenue SE., West Building Ground Floor, Room W12-140, Washington, DC 20590-0001.

- **Hand Delivery:** Deliver to Mail address above between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

- **Fax:** (202) 493-2251.

For service information identified in this AD, contact Turbomeca S.A., 40220 Tarnos, France; *phone*: 33-05-59-74-40-00, *fax*: 33-05-59-74-45-15. You may review copies of the service information at the FAA, Engine & Propeller Directorate, 12 New England Executive Park, Burlington, MA. For information on the availability of this material at the FAA, call (781) 238-7125.

#### Examining the AD Docket

You may examine the AD docket on the Internet at <http://www.regulations.gov>; or in person at the Docket Operations office between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this AD, the regulatory evaluation, any comments received, and other information. The street address for the Docket Operations office (*phone*: (800) 647-5527) is the same as the Mail address provided in the **ADDRESSES** section. Comments will be available in the AD docket shortly after receipt.

**FOR FURTHER INFORMATION CONTACT:** Mark Riley, Aerospace Engineer, Engine Certification Office, FAA, Engine & Propeller Directorate, 12 New England Executive Park, Burlington, MA 01803; *phone*: (781) 238-7758; *fax*: (781) 238-7199; *email*: [mark.riley@faa.gov](mailto:mark.riley@faa.gov).

#### SUPPLEMENTARY INFORMATION:

##### Discussion

The European Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Community, has issued EASA Airworthiness Directive 2011-0128-E, dated July 6, 2011 (referred to after this as "the MCAI"), to correct an unsafe condition for the specified products. The MCAI states:

Non-conformities on adjustment of some hydromechanical units (HMUs) have been reported by a Turbomeca repair centre. The technical investigations carried out by Turbomeca are showing that only a limited number of HMUs are potentially affected by this non-conformity to HMU adjustment.

Twenty nine HMUs have been identified with potential non-conformities in the proper adjustment of