the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2120–0056. Public reporting for this collection of information is estimated to be approximately 5 minutes per response, including the time for reviewing instructions, completing and reviewing the collection of information. All responses to this collection of information are mandatory. Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to the FAA at: 800 Independence Ave., SW., Washington, DC 20591, Attn: Information Collection Clearance Office, AES–200.

Related Information

Issued in Renton, Washington, on December 17, 2010.

Ali Bahrami,

DEPARTMENT OF TRANSPORTATION
Federal Aviation Administration

14 CFR Part 39


RIN 2120–AA64


AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: We propose to supersede an existing airworthiness directive (AD) that applies to certain Piper Aircraft, Inc. Models PA–46–310P and PA–46–350P airplanes that are equipped with a Lewis or Transicoil turbine inlet temperature (T.I.T.) gauge and associated probe. The existing AD currently requires calibrating the T.I.T. system; replacing any T.I.T. system that fails the calibration test; repetitively replacing the T.I.T. probe on certain Model PA–46–350P airplanes; and inserting a copy of the AD into the pilot’s operating handbook (POH) for certain airplanes. Since we issued that AD, the manufacturer has revised related service information and added an airplane model to the list of affected airplanes. This proposed AD would retain the actions required by AD 99–15–04 R1, add certain Model PA–46R–350T airplanes to the Applicability section, expand the applicability to include other T.I.T. systems, and incorporate new service information. We are proposing this AD to prevent improper engine operation caused by improperly calibrated T.I.T. indicators or defective T.I.T. probes, which could result in engine damage/failure with consequent loss of control of the airplane.

DATES: We must receive comments on this proposed AD by February 14, 2011.

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

• Federal eRulemaking Portal: Go to http://www.regulations.gov. Follow the instructions for submitting comments.

• Fax: 202–493–2251.

• Mail: U.S. Department of Transportation, Docket Operations, M–10, West Building Ground Floor, Room W12–140, 1200 New Jersey Avenue, SE., Washington, DC 20590.

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

For service information identified in this AD, contact Piper Aircraft, Inc., 2926 Piper Drive, Vero Beach, Florida 32960; telephone: (772) 567–4361; fax: (772) 978–6573; Internet: http://www.newpiper.com/company/publications.asp. You may review copies of the referenced service information at the FAA, Small Airplane Directorate, 901 Locust St., Kansas City, Missouri 64106. For information on the availability of this material at the FAA, call (816) 329–4148.

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 proposed AD, the regulatory evaluation, any comments received, and other information. The street address for the Docket Office (phone: 800–647–5527) is in the ADDRESSES section. Comments will be available in the AD docket shortly after receipt.

FOR FURTHER INFORMATION CONTACT:
Darby Mirocha, Aerospace Engineer, FAA, Atlanta Aircraft Certification Office, 1701 Columbia Avenue, College Park, Georgia 30337; phone: (404) 474–5573; fax: (404) 474–5605; e-mail: darby.mirocha@faa.gov.

SUPPLEMENTARY INFORMATION:

Comments Invited
We invite you to send any written relevant data, views, or arguments about this proposed AD. Send your comments to an address listed under the ADDRESSES section. Include “Docket No. FAA–2010–1295; Directorate Identifier 2010–CE–060–AD” at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this proposed AD. We will consider all comments received by the closing date and may amend this proposed AD because of those comments.

We will post all comments we receive, without change, to http://www.regulations.gov, including any personal information you provide. We will also post a report summarizing each substantive verbal contact we receive about this proposed AD.

Discussion
On May 17, 2000, we issued AD 99–15–04 R1, Amendment 39–11747 (65 FR 33745, May 25, 2000), for certain Piper Aircraft, Inc. (type certificate previously held by The New Piper Aircraft, Inc.) Models PA–46–310P and PA–46–350P airplanes that are equipped with a Lewis or Transicoil turbine inlet temperature (T.I.T.) gauge and associated probe. That AD required calibrating the T.I.T. system; replacing any T.I.T. system that fails the calibration test; repetitively replacing the T.I.T. probe on Model PA–46–350P airplanes; and inserting a copy of the AD into the Emergency Procedures section of the POH for certain airplanes. That AD resulted from field reports that indicated service accuracy problems with the existing T.I.T. system on certain Piper Aircraft, Inc. Models PA–46–310P and PA–46–350P. We issued that AD to prevent improper engine operation caused by improperly calibrated T.I.T. indicators or defective T.I.T. probes, which could result in engine damage/failure with consequent loss of control of the airplane.

Actions Since Existing AD Was Issued
Since we issued AD 99–15–04 R1, the manufacturer has revised related service information and has added an airplane model to the list of affected airplanes. We have also determined that the scope of this proposed AD goes beyond only airplanes equipped with Lewis or Transicoil gauges and/or probes.

Relevant Service Information
We reviewed Piper Aircraft, Inc. Service Bulletin No. 995C, dated
November 17, 2009. The service information describes procedures for calibrating the T.I.T. system and replacing the probe.

FAA’s Determination

We are proposing this AD because we evaluated all the relevant information and determined the unsafe condition described previously is likely to exist or develop in other products of the same type design.

Proposed AD Requirements

This proposed AD would retain the requirements of AD 99–15–04 R1. This proposed AD would also add certain Model PA–46R–350T airplanes to the Applicability section, expand the applicability to include other T.I.T. systems, and incorporate new service information.

Costs of Compliance

We estimate that this proposed AD affects 898 airplanes of U.S. registry.

We estimate the following costs to comply with this proposed AD:

<table>
<thead>
<tr>
<th>Action</th>
<th>Labor cost</th>
<th>Parts cost</th>
<th>Cost per product</th>
<th>Cost on U.S. operators</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clean and inspect the turbine inlet temperature gauge and probe for certain Models PA–46–310P and PA–46–350P airplanes.</td>
<td>1 work-hour × $85 per hour = $85.</td>
<td>Not applicable ......</td>
<td>$85</td>
<td>$85 × 780 affected airplanes = $66,300.</td>
</tr>
<tr>
<td>Incorporate emergency procedures into POH.</td>
<td>1 work-hour × $85 per hour = $85.</td>
<td>Not applicable ......</td>
<td>85</td>
<td>$85 × 898 affected airplanes = $76,330.</td>
</tr>
</tbody>
</table>

The requirements of this proposed AD add no additional economic burden other than the addition of an airplane model to the Applicability section. We estimate the following costs to do any necessary replacements that would be required based on the results of the proposed inspection. We have no way of determining the number of aircraft that might need these replacements:

On-Condition Costs

<table>
<thead>
<tr>
<th>Action</th>
<th>Labor cost</th>
<th>Parts cost</th>
<th>Cost per product</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replace probe</td>
<td>1 work-hour × $85 per hour = $85.</td>
<td>$384</td>
<td>$469</td>
</tr>
</tbody>
</table>

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

We have determined that this proposed AD would not have federalism implications under Executive Order 13132. This proposed AD would 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 the proposed regulation:

(1) Is not a “significant regulatory action” under Executive Order 12866,
(2) Is not a “significant rule” under the DOT Regulatory Policies and Procedures (49 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.

The Proposed Amendment

 Accordingly, under the authority delegated to me by the Administrator, the FAA proposes to amend 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 removing airworthiness directive (AD) 99–15–04 R1, Amendment 39–11747 (65 FR 33745, May 25, 2000), and adding the following new AD:


Comments Due Date

(a) The FAA must receive comments on this AD action by February 14, 2011.

Affected ADs

(b) This AD supersedes AD 99–15–04 R1, Amendment 39–11747.

Applicability

(c) This AD applies to the following Piper Aircraft, Inc. (type certificate previously held by The New Piper Aircraft, Inc.) Models PA–
(1) Are certificated in any category; and
(2) Equipped with a turbine inlet temperature (T.I.T.) system identified in table 1 of this AD. Relief from this AD is available only if the gauge and probe are replaced through STC and not if a second turbine inlet temperature gauge was installed while retaining the Lewis or Transicoil T.I.T. gauge and probe.

### GROUP 1—AIRPLANES PREVIOUSLY AFFECTED BY AD 99–15–04 R1

<table>
<thead>
<tr>
<th>Models</th>
<th>Serial Numbers (S/N)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA–46–310P</td>
<td>46–8408001 through 46–8608067 and 4608001 through 4608140.</td>
</tr>
<tr>
<td>PA–46–350P</td>
<td>4622001 through 4622200 and 4636001 through 4636020.</td>
</tr>
<tr>
<td>PA–46–350P</td>
<td>4636021 through 4636374</td>
</tr>
<tr>
<td>PA–46R–350T</td>
<td>4692001 and subsequent</td>
</tr>
</tbody>
</table>

**TABLE 1—AFFECTED AIRPLANE MODELS AND CORRESPONDING AFFECTED LEWIS OR TRANSICOIL PART NUMBERS (P/NS)**

<table>
<thead>
<tr>
<th>Models</th>
<th>S/N</th>
<th>Indication System P/N</th>
<th>Probe P/N</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA–46R–350T</td>
<td>4692001 and subsequent</td>
<td>Avidyne Entegra or other EFIS display ..........</td>
<td>686–216.</td>
</tr>
</tbody>
</table>

**Subject**

(d) Joint Aircraft System Component (JASC)/Air Transport Association (ATA) of America Code 77, Engine Indicating.

**Unsafe Condition**

(e) This AD was prompted by field reports that indicated service accuracy problems with the existing turbine inlet temperature system on certain Models PA–46–310P, PA–46–350P, and PA–46R–350T airplanes. We are issuing this AD to prevent improper engine operation caused by improperly calibrated turbine inlet temperature indicators or defective turbine inlet temperature probes, which could result in engine damage/failure with consequent loss of control of the airplane.

**Compliance**

(f) For Group 1 airplanes: Comply with this AD within the compliance times specified, unless already done.

### TABLE 2—GROUP 1 AIRPLANES

[Airplanes previously affected by AD 99–15–04 R1]

<table>
<thead>
<tr>
<th>Actions</th>
<th>Compliance</th>
<th>Procedures</th>
</tr>
</thead>
<tbody>
<tr>
<td>(3) If the turbine inlet temperature probe fails the inspection required in paragraph (f)(1) of this AD and/or the turbine inlet temperature system indicator cannot be calibrated as required in paragraph (f)(2) of this AD, replace any failed parts with a serviceable part listed in table 1 of this AD as long as it has been inspected and properly calibrated.</td>
<td>Before further flight after the cleaning and inspection required in paragraph (f)(1) and the calibration required in paragraph (f)(2) of this AD.</td>
<td>Follow Piper Airplane Maintenance Manual PA–46–310P/PA–46–350P Part Number 761–783, Chapter 77–20–00, section A.(1)(f), page 2; and Piper Airplane Maintenance Manual PA–46–350P Part Number 761–876, Chapter 77–20–00, section 1.E., page 2, as applicable; or Piper Service Bulletin No. 995C, dated November 17, 2009.</td>
</tr>
</tbody>
</table>
### TABLE 2—GROUP 1 AIRPLANES—Continued

[Airplanes previously affected by AD 99–15–04 R1]

<table>
<thead>
<tr>
<th>Actions</th>
<th>Compliance</th>
<th>Procedures</th>
</tr>
</thead>
<tbody>
<tr>
<td>(4) Incorporate the information from Appendix 1 and Appendix 2, as applicable, of this AD into the Emergency Procedures section of the pilot operating handbook (POH). This may be done by inserting a copy of this AD into the POH.</td>
<td>Within the next 100 hours TIS after August 31, 1999 (the effective date retained from AD 99–15–04).</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>(5) Only install a part listed in table 1 of this AD after it has been inspected and properly calibrated.</td>
<td>As of July 28, 2000 (the effective date of AD 99–15–04 R1).</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>
| (6) **Model PA–46–350P airplanes only:** Replace the turbine inlet temperature probe with a new part number 481–389, 481–392, or 686–216 probe preferred. This action is not required for Model PA–46–310P. | Upon accumulating 250 hours TIS on the currently installed turbine inlet temperature probe or within the next 100 hours TIS after August 31, 1999 (the effective date retained from AD 99–15–04), whichever occurs later, and thereafter at intervals not to exceed 250 hours TIS. | For serial numbers 4622001 through 4622200: Follow Piper Airplane Maintenance Manual PA–46–310P/PA–46–350P Part Number 761–783, Chapter 77–20–00, section A.(1)(f), page 2; or Piper Service Bulletin No. 995C, dated November 17, 2009.  


| (g) For Group 2 airplanes: Comply with this AD within the compliance times specified, unless already done. |  |  |

### TABLE 3—GROUP 2 AIRPLANES

[Airplanes not previously affected by AD 99–15–04 R1]

<table>
<thead>
<tr>
<th>Actions</th>
<th>Compliance</th>
<th>Procedures</th>
</tr>
</thead>
</table>
| (1) **Model PA–46–350P airplanes, S/Ns 4636021 through 4636374 only:** Clean and inspect the turbine inlet temperature gauge and probe. | Within the next 100 hours TIS after the effective date of this AD. | Follow Piper Airplane Maintenance Manual PA–46–350P Part Number 761–876, Chapter 77–20–00, section 1.C, pages 1 and 2, as applicable.  


| (2) **Model PA–46–350P airplanes, S/Ns 4636021 through 4636374 only:** If the turbine inlet temperature probe fails the inspection required in paragraph (g)(1) of this AD and/or the turbine inlet temperature system indicator cannot be calibrated as required in paragraph (g)(2) of this AD, replace any failed parts with a serviceable part listed in table 1 of this AD as long as it has been inspected and properly calibrated. | Before further flight after the cleaning and inspection required in paragraph (g)(1) and the calibration required in paragraph (g)(2) of this AD. |  |
| (3) All Group 2 airplanes: Replace the turbine inlet temperature probe with a new part number 686–216 probe. | Upon accumulating 250 hours TIS on the currently installed turbine inlet temperature probe or within the next 100 hours TIS after the effective date of this AD, whichever occurs later, and thereafter at intervals not to exceed 250 hours TIS. | Piper Service Bulletin No. 995C, dated November 17, 2009.  

Not applicable. |

| (4) All Group 2 airplanes: Incorporate the information from Appendix 2 of this AD into the Emergency Procedures section of the POH. This may be done by inserting a copy of this AD into the POH. | Within the next 100 hours TIS after the effective date of this AD. | Not applicable. |
| (5) All Group 2 airplanes: Only install a part listed in table 1 of this AD after it has been inspected and properly calibrated. | As of the effective date of this AD ...................... | Not applicable. |
**DEPARTMENT OF TRANSPORTATION**

**Federal Aviation Administration**

**14 CFR Part 39**


**RIN 2120–AA64**

**Airworthiness Directives; McDonnell Douglas Corporation Model DC–10–10, DC–10–10F, and MD–10–10F Airplanes**

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

**ACTION:** Notice of proposed rulemaking (NPRM).

**SUMMARY:** We propose to adopt a new airworthiness directive (AD) for certain Model DC–10–10, DC–10–10F, and MD–10–10F airplanes. This proposed AD would 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. This proposed AD results from reports of three instances of fuel leaks in the lower cap splice of the wing rear spar at station Xors=409. We are proposing 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 adversely affecting the structural integrity of the airplane.

**DATES:** We must receive comments on this proposed AD by February 14, 2011.

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

- **Federal eRulemaking Portal:** Go to [http://www.regulations.gov](http://www.regulations.gov). Follow the instructions for submitting comments.
- **Fax:** 202–493–2251.
- **Mail:** U.S. Department of Transportation, Docket Operations, M–30, West Building Ground Floor, Room W12–140, 1200 New Jersey Avenue, SE., Washington, DC 20590.

**Hand Delivery:** U.S. Department of Transportation, Docket Operations, M–30, West Building Ground Floor, Room W12–140, 1200 New Jersey Avenue, SE., Washington, DC 20590, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

**For service information identified in this proposed AD, contact Boeing Commercial Airplanes, Attention: Data & Services Management, 3835 Lakewood Boulevard, MC D800–0019, Long Beach, California 90846–0001; telephone 206–544–5000, extension 2; fax 206–766–5683; e-mail dse.boecom@boeing.com; Internet [https://www.myboeingfleet.com](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](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 proposed AD, the regulatory evaluation, any comments received, and other information. The street address for the Docket Office (telephone 800–647–5527) is in the **ADDRESSES** section. Comments will be available in the AD docket shortly after receipt.

**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; e-mail: nenita.odesa@faa.gov.

**SUPPLEMENTARY INFORMATION:**

**Comments Invited**

We invite you to send any written relevant data, views, or arguments about this proposed AD. Send your comments to an address listed under the **ADDRESSES** section. Include “Docket No. FAA–2010–1206; Directorate Identifier 2009–NM–216–AD” at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this proposed AD. We will consider all comments received by the closing date and may amend this proposed AD because of those comments.