

inspection area. This level of inspection is made under normally available lighting conditions such as daylight, hangar lighting, flashlight, or droplight and may require removal or opening of access panels or doors. Stands, ladders, or platforms may be required to gain proximity to the area being checked."

#### Follow-On Corrective Actions

(b) If any pre-production engine mount assembly is installed, do all the applicable follow-on corrective actions (including repetitive detailed inspections for cracking, and rework or replacement of the pre-production engine mount assembly, if necessary) per all the actions specified in the Accomplishment Instructions of the service bulletin, at the applicable times specified in Paragraph I., Part D., "Compliance," of the service bulletin. Any replacement due to cracking must be done before further flight.

**Note 2:** For the purposes of this AD, a detailed inspection is defined as: "An intensive visual examination of a specific structural area, system, installation, or assembly to detect damage, failure, or irregularity. Available lighting is normally supplemented with a direct source of good lighting at intensity deemed appropriate by the inspector. Inspection aids such as mirror, magnifying lenses, etc., may be used. Surface cleaning and elaborate access procedures may be required."

#### Optional Terminating Action for Follow-On Repetitive Inspections

(c) Installation of production engine mount assemblies on all four forward engine mounts ends the repetitive inspection requirements of paragraph (b) of this AD.

#### Part Installation

(d) As of the effective date of this AD, no person may install an engine mount assembly having a pre-production configuration and/or part number 96042-07 on any airplane, unless the assembly has been reworked per Part B of the Accomplishment Instructions of Bombardier Alert Service Bulletin A84-71-06, Revision "A," dated December 5, 2001.

#### Alternative Methods of Compliance

(e) In accordance with 14 CFR 39.19, the Manager, New York Aircraft Certification Office, FAA, is authorized to approve alternative methods of compliance for this AD.

**Note 3:** The subject of this AD is addressed in Canadian airworthiness directive CF-2002-07, dated January 21, 2002.

Issued in Renton, Washington, on October 3, 2003.

**Vi L. Lipski,**

Manager, Transport Airplane Directorate,  
Aircraft Certification Service.

[FR Doc. 03-25588 Filed 10-8-03; 8:45 am]

BILLING CODE 4910-13-P

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. 2003-CE-32-AD]

RIN 2120-AA64

#### Airworthiness Directives; The New Piper Aircraft, Inc. Model PA-46-500TP Airplanes

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

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

**SUMMARY:** The FAA proposes to adopt a new airworthiness directive (AD) for certain The New Piper Aircraft, Inc. (Piper) Model PA-46-500TP airplanes. This proposed AD would require you to replace all electronic control modules in the airplane electrical system with newly designed modules. This proposed AD is the result of reports of smoke in the cockpit and loss of electrical systems function. We are issuing this proposed AD to prevent short circuit failure and electrical arcing of the electronic control modules, which could result in loss of the electrical systems components or burning of wiring insulation and cause smoke in the cockpit. Such a condition could lead to the inability to properly control the airplane.

**DATES:** We must receive any comments on this proposed AD by December 9, 2003.

**ADDRESSES:** Use one of the following to submit comments on this proposed AD:

- *By mail:* FAA, Central Region, Office of the Regional Counsel, Attention: Rules Docket No. 2003-CE-32-AD, 901 Locust, Room 506, Kansas City, Missouri 64106.
- *By fax:* (816) 329-3771.
- *By e-mail:* 9-ACE-7-Docket@faa.gov.

Comments sent electronically must contain "Docket No. 2003-CE-32-AD" in the subject line. If you send comments electronically as attached electronic files, the files must be formatted in Microsoft Word 97 for Windows or ASCII.

You may get the service information identified in this proposed AD from The New Piper Aircraft, Inc., Customer Services, 2926 Piper Drive, Vero Beach, Florida 32960; telephone: (772) 567-4361; facsimile: (772) 978-6584.

You may view the AD docket at FAA, Central Region, Office of the Regional Counsel, Attention: Rules Docket No. 2003-CE-32-AD, 901 Locust, Room 506, Kansas City, Missouri 64106. Office

hours are 8 a.m. to 4 p.m., Monday through Friday, except Federal holidays.

#### FOR FURTHER INFORMATION CONTACT:

Kenneth B. Mobley, Aerospace Engineer, FAA, Atlanta Aircraft Certification Office, One Crown Center, 1895 Phoenix Boulevard, Suite 450, Atlanta, Georgia 30349; telephone: (770) 703-6046; facsimile: (770) 703-6097.

#### SUPPLEMENTARY INFORMATION:

##### Comments Invited

*How Do I Comment on This Proposed AD?*

We invite you to submit any written relevant data, views, or arguments regarding this proposal. Send your comments to an address listed under **ADDRESSES**. Include "AD Docket No. 2003-CE-32-AD" in the subject line of your comments. If you want us to acknowledge receipt of your mailed comments, send us a self-addressed, stamped postcard with the docket number written on it. We will date-stamp your postcard and mail it back to you.

*Are There Any Specific Portions of This Proposed AD I Should Pay Attention To?*

We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this proposed AD. If you contact us through a nonwritten communication and that contact relates to a substantive part of this proposed AD, we will summarize the contact and place the summary in the docket. We will consider all comments received by the closing date and may amend this proposed AD in light of those comments and contacts.

#### Discussion

*What Events Have Caused This Proposed AD?*

We have received several reports that a condition exists in some of the electrical control modules in the airplane electrical system.

FAA analysis indicates that there is inadequate clearance and inadequate electrical isolation between the load terminal and metal case. The modules load terminal is cutting through the rubber insulating grommet and contacting the module's metal case. This causes the electrical short circuit and electrical arcing.

The following electrical system components are potentially affected by this condition:

Engine start  
Strobe light  
Left/right taxi light

Liquid crystal display (LCD) dimming  
Dual flasher (recognition light)  
Left/right pitot heat  
Avionics dimming (Bezel buttons for radios)  
Prop heat  
Left/right fuel pump  
Position light landing light  
Instrument panel light dimming  
Ice light  
Vent defog (vent blower)  
Hi/low blower  
Stall heat  
Dimmer switch lighting (overhead switch panel switches)

*What Are the Consequences if the Condition Is Not Corrected?*

If not corrected, short circuit failure and electrical arcing of the electronic control modules could result in loss of the electrical systems components or burning of wiring insulation and cause smoke in the cockpit. Such a condition could lead to the inability to properly control the airplane.

*Is There Service Information That Applies to This Subject?*

Piper has issued the Service Bulletin No. 1132, dated June 4, 2003.

*What Are the Provisions of This Service Information?*

The service bulletin includes procedures for:

- Removing the pilot's circuit breaker panel assembly (part-number (P/N) 102228-002); the co-pilot's circuit breaker panel assembly (P/N 102228-006); the dimmer lighting module assembly (P/N 102226-002); the stall vane heat module assembly (P/N 102227-002); and the propeller heat module assembly (P/N 102227-006);
- Returning the panel assemblies and remote module parts to the manufacture for modification;
- Visually inspecting all remaining exposed wires and equipment for evidence of heat damage;
- Repairing any damage found; and
- Installing the newly modified panel assemblies and remote module parts.

**FAA's Determination and Requirements of This Proposed AD**

*What Has FAA Decided?*

We have evaluated all pertinent information and identified an unsafe condition that is likely to exist or develop on other products of this same type design. Therefore, we are proposing AD action.

*What Would This Proposed AD Require?*

This proposed AD would require you to incorporate the actions in the previously-referenced service bulletin.

*How Does the Revision to 14 CFR Part 39 Affect This Proposed AD?*

On July 10, 2002, we published a new version of 14 CFR part 39 (67 FR 47997, July 22, 2002), which governs FAA's AD system. This regulation now includes material that relates to altered products, special flight permits, and alternative methods of compliance. This material previously was included in each individual AD. Since this material is included in 14 CFR part 39, we will not include it in future AD actions.

**Costs of Compliance**

*How Many Airplanes Would This Proposed AD Impact?*

We estimate that this proposed AD affects 130 airplanes in the U.S. registry.

*What Would Be the Cost Impact of This Proposed AD on Owners/Operators of the Affected Airplanes?*

We estimate the following costs to accomplish this proposed modification:

Labor cost	Parts cost	Total cost per airplane	Total cost on U.S. operators
22 × \$65 per hour = \$1,430 .....	Parts will be covered under warranty by the manufacturer.	\$1,430	\$1,430 × 130 = \$185,900

**Regulatory Findings**

*Would This Proposed AD Impact Various Entities?*

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.

*Would This Proposed AD Involve a Significant Rule or Regulatory Action?*

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

1. Is not a "significant regulatory action" under Executive Order 12866;
2. Is not a "significant rule" under the DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979); and
3. 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.

We prepared a summary of the costs to comply with this proposed AD and placed it in the AD Docket. You may get a copy of this summary by sending a request to us at the address listed under **ADDRESSES**. Include "AD Docket No. 2003-CE-32-AD" in your request.

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

Air transportation, Aircraft, Aviation safety, Safety.

**The Proposed Amendment**

Accordingly, under the authority delegated to me by the Administrator, the Federal Aviation Administration 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 adding the following new airworthiness directive (AD):

**The New Piper Aircraft, Inc.:** Docket No. 2003-CE-32-AD

**When Is the Last Date I Can Submit Comments on This Proposed AD?**

- (a) We must receive comments on this proposed airworthiness directive (AD) by December 9, 2003.

**What Other ADs Are Affected by This Action?**

- (b) None.

**What Airplanes Are Affected by This AD?**

- (c) This AD affects Model PA-46-500TP airplanes, serial numbers 4697001 through 4697140 and 4697142 through 4697153, that are certificated in any category.

**What Is the Unsafe Condition Presented in This AD?**

- (d) This AD is the result of reports of smoke in the cockpit and loss of electrical system functions. We are issuing this AD to prevent short circuit failure of the electronic control modules, which could result in loss of the electrical system components or

burning of wiring insulation and cause smoke in the cockpit. Such a condition could

lead to the inability to properly control the airplane.

#### What Must I Do To Address This Problem?

(e) To address this problem, you must accomplish the following:

Actions	Compliance	Procedures
(1) Remove the following parts: (i) The pilot's circuit breaker panel assembly (part-number (P/N) 102228-002); (ii) The co-pilot's circuit breaker panel assembly (P/N 102228-006); (iii) The dimmer lighting module assembly (P/N 102226-002); (iv) The stall vane heat module assembly (P/N 102227-002); and (v) The propeller heat module assembly (P/N 102227-006)	Within the next 100 hours time-in-service (TIS) after the effective date of this AD.	Per the instructions in Piper Service Bulletin No. 1132, dated June 4, 2003.
(2) Return the circuit breaker panels and the remote modules identified in paragraph (e)(1) of this AD to the manufacturer listed in paragraph (g) of this AD for modification.	Prior to further flight after doing the actions required in paragraph (e)(1) of this AD.	Per the instructions in Piper Service Bulletin No. 1132, dated June 4, 2003.
(3) Visually inspect all remaining exposed wires and equipment for evidence of heat damage and repair any damage found.	Prior to further flight after doing the actions required in paragraph (c)(1) of this AD.	Per the instructions in Piper Service Bulletin No. 1132, dated June 4, 2003.
(4) Install the modified circuit breaker panel assemblies and the remote modules received from the manufacturer.	Prior to further flight after doing the actions required in paragraphs (e)(1), (e)(2), and (e)(3) of this AD.	Use the instructions in Piper Service Bulletin No. 1132, dated June 4, 2003.
(5) Do not install any part referenced in paragraph (e)(1) of this AD unless it has been modified per Piper Service Bulletin No. 1132, dated June 4, 2003.	As of the effective date of this AD .....	Not applicable.

#### What About Alternative Methods of Compliance?

(f) You may request a different method of compliance or a different compliance time for this AD by following the procedures in 14 CFR 39.13. Send your request to the Manager, Atlanta Aircraft Certification Office (ACO), FAA. For information on any already approved alternative methods of compliance, contact Kenneth B. Mobley, Aerospace Engineer, FAA, Atlanta Aircraft Certification Office, One Crown Center, 1895 Phoenix Boulevard, Suite 450, Atlanta, Georgia 30349; telephone: (770) 703-6046; facsimile: (770) 703-6097.

#### How Do I Get Copies of the Documents Referenced in This AD?

(g) You may get copies of the documents referenced in this AD from The New Piper Aircraft, Inc., Customer Services, 2926 Piper Drive, Vero Beach, Florida 32960; telephone: (772) 567-4361; facsimile: (772) 978-6584. You may view these documents at FAA, Central Region, Office of the Regional Counsel, 901 Locust, Room 506, Kansas City, Missouri 64106.

Issued in Kansas City, Missouri, on October 3, 2003.

**Michael Gallagher,**

*Manager, Small Airplane Directorate, Aircraft Certification Service.*

[FR Doc. 03-25581 Filed 10-8-03; 8:45 am]

**BILLING CODE 4910-13-P**

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. 2003-NE-31-AD]

RIN 2120-AA64

#### Airworthiness Directives; Rolls-Royce plc RB211-535 Turboprop Engines

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

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

**SUMMARY:** The FAA proposes to adopt a new airworthiness directive (AD) for Rolls-Royce plc (RR) models RB211-535C-37, RB211-535E4-37, RB211-535E4-B-37, and RB211-535E4-B-75 turboprop engines with radial drive steady bearing part number (P/N) LK76084 installed. This proposed AD would require initial and repetitive visual inspections of the engine oil scavenge filter for evidence of radial drive steady bearing failure, and if necessary radial drive steady bearing inspection for damage and evidence of bearing debris. This proposed AD is prompted by reports of seven low time failures of radial drive steady bearings within a four-month period. We are proposing this AD to prevent a possible dual-engine in-flight shutdown caused by radial drive steady bearing failure.

**DATES:** We must receive any comments on this proposed AD by December 8, 2003.

**ADDRESSES:** Use one of the following addresses to submit comments on this proposed AD:

- *By mail:* Federal Aviation Administration (FAA), New England Region, Office of the Regional Counsel, Attention: Rules Docket No. 2003-NE-31-AD, 12 New England Executive Park, Burlington, MA 01803-5299.

- *By fax:* (781) 238-7055.

- *By e-mail:* 9-ane-adcomment@faa.gov.

You can get the service information identified in this proposed AD from Rolls-Royce plc, P.O. Box 31 Derby, DE24 8BJ, United Kingdom (UK); telephone 011-44-1332-242424; fax 011-44-1332-249936.

You may examine the AD docket, by appointment, at the FAA, New England Region, Office of the Regional Counsel, 12 New England Executive Park, Burlington, MA.

**FOR FURTHER INFORMATION CONTACT:** Ian Dargin, Aerospace Engineer, Engine Certification Office, FAA, Engine and Propeller Directorate, 12 New England Executive Park, Burlington, MA 01803-5299; telephone (781) 238-7178; fax (781) 238-7199.

**SUPPLEMENTARY INFORMATION:**