

**Note:** This AD applies to each airplane identified in the preceding applicability provision, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For airplanes that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (e) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if you have not eliminated the unsafe condition, specific actions you propose to address it.

(f) *Where can I get information about any already-approved alternative methods of compliance?* You can contact William O. Herderich, Aerospace Engineer, FAA, Atlanta Aircraft Certification Office, One Crown Center, 1895 Phoenix Boulevard, suite 450, Atlanta, Georgia 30349; telephone: (770) 703-6084; facsimile: (770) 703-6097; e-mail: william.o.herderich@faa.gov.

(g) *What if I need to fly the airplane to another location to comply with this AD?* The FAA can issue a special flight permit under sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate your airplane to a location where you can accomplish the requirements of this AD.

(h) *How do I get copies of the documents referenced in this AD?* You may obtain copies of the documents referenced in this AD from The New Piper Aircraft, Inc., Customer Services, 2926 Piper Drive, Vero Beach, Florida 32960. You may examine this service information at FAA, Central Region, Office of the Regional Counsel, 901 Locust, Room 506, Kansas City, Missouri 64106.

(i) *Does this AD action affect any existing AD actions?* This amendment supersedes the following AD actions:

- (1) AD 70-26-06, Amendment 39-1132;
- (2) AD 76-03-01, Amendment 39-2505; and
- (3) AD 80-02-15, Amendment 39-3676.

Issued in Kansas City, Missouri, on July 17, 2000.

**Marvin R. Nuss,**

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

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**BILLING CODE 4910-13-P**

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. 96-CE-69-AD]

RIN 2120-AA64

#### **Airworthiness Directives; The New Piper Aircraft, Inc. (Formerly Piper Aircraft Corporation) PA-31 Series Airplanes**

**AGENCY:** Federal Aviation Administration, DOT.

**ACTION:** Supplemental notice of proposed rulemaking (NPRM); Reopening of the comment period.

**SUMMARY:** This document proposes to revise an earlier proposed airworthiness directive (AD) that would apply to The New Piper Aircraft, Inc. (Piper) PA-31 series airplanes. The earlier NPRM would have superseded AD 80-26-05, which requires you to repetitively inspect the main landing gear (MLG) inboard door hinges and attachment angles for cracks on the affected airplanes, and requires you to replace any cracked MLG inboard door hinge or attachment angle. The earlier NPRM proposed to require you to inspect the original design MLG inboard door hinge assemblies for cracks; and replace the original design MLG inboard door hinge assemblies with parts of improved design either immediately (cracks) or at a certain time period (no cracks). This supplemental NPRM results from reports of cracks in the improved design MLG inboard door hinge assemblies on the affected airplanes. We are revising the NPRM to propose inspections on the improved design parts as well as the original design parts. The actions specified by the proposed AD are intended to detect and correct cracked MLG inboard door hinge assemblies. These cracked door hinge assemblies could result in the MLG becoming jammed with consequent loss of control of the airplane during landing operations.

**DATES:** The Federal Aviation Administration (FAA) must receive comments on or before September 8, 2000.

**ADDRESSES:** Submit comments in triplicate to FAA, Central Region, Office of the Regional Counsel, Attention: Rules Docket No. 96-CE-69-AD, 901 Locust, Room 506, Kansas City, Missouri 64106.

You may get the service information referenced in the proposed AD from The New Piper Aircraft, Inc., Customer

Services, 2926 Piper Drive, Vero Beach, Florida 32960. You may examine this information at FAA.

#### **FOR FURTHER INFORMATION CONTACT:**

William O. Herderich, Aerospace Engineer, FAA, Atlanta Aircraft Certification Office, One Crown Center, 1895 Phoenix Boulevard, suite 450, Atlanta, Georgia 30349; telephone: (770) 703-6084; facsimile: (770) 703-6097; e-mail: william.o.herderich@faa.gov.

#### **SUPPLEMENTARY INFORMATION:**

#### **Comments Invited**

*How do I comment on the proposed AD?* The FAA invites comments on this proposed rule. You may submit whatever written data, views, or arguments you choose. You need to include the rule's docket number and submit your comments in triplicate to the address specified under the caption **ADDRESSES**. The FAA will consider all comments received on or before the closing date. We may amend the proposed rule in light of comments received. Factual information that supports your ideas and suggestions is extremely helpful in evaluating the effectiveness of the proposed AD action and determining whether we need to take additional rulemaking action.

*Are there any specific portions of the AD I should pay attention to?* The FAA is re-examining the writing style we currently use in regulatory documents, in response to the Presidential memorandum of June 1, 1998. That memorandum requires federal agencies to communicate more clearly with the public. We are interested in your comments on whether the style of this document is clearer, and any other suggestions you might have to improve the clarity of FAA communications that affect you. You can get more information about the Presidential memorandum and the plain language initiative at <http://www.plainlanguage.gov>.

The FAA specifically invites comments on the overall regulatory, economic, environmental, and energy aspects of the proposed rule that might suggest a need to modify the rule. You may examine all comments we receive before and after the closing date of the rule in the Rules Docket. We will file a report in the Rules Docket that summarizes each FAA contact with the public that concerns the substantive parts of the proposed AD.

*How can I be sure FAA receives my comment?* If you want us to acknowledge the receipt of your comments, you must include a self-addressed, stamped postcard. On the postcard, write "Comments to Docket

No. 96-CE-69-AD." We will date stamp and mail the postcard back to you.

### Discussion

*Has FAA taken any action to this point?* On December 1, 1995, FAA issued a proposal to amend part 39 of the Federal Aviation Regulations (14 CFR part 39) to include an AD that would apply to certain Piper PA-31 series airplanes. This proposal was published in the **Federal Register** as a notice of proposed rulemaking (NPRM) on December 7, 1995 (60 FR 62774), and proposed to supersede AD 80-26-05, Amendment 39-3994. The NPRM proposed to:

- Retain the requirement of repetitively inspecting the MLG inboard door hinge assemblies for cracks, and replacing any cracked MLG inboard door hinge assembly; and
  - Require incorporating a MLG inboard door hinge assembly of improved design (part number (P/N) 47529-32) or FAA-approved equivalent part number, as terminating action for the repetitive inspection requirement.
- Accomplishment of the proposed inspections would have been required in accordance with Piper Service Bulletin (SB) No. 682, dated July 24, 1980.

*Was the public invited to comment on the NPRM?* The FAA invited interested persons to participate in the making of this amendment. Due consideration was given to the one comment received.

*What issue did this comment address?* The comment received on the NPRM contained information that the improved design MLG inboard door hinge assemblies, P/N 47529-32, are also susceptible to fatigue cracking, and that installing this assembly should not eliminate the need for the repetitive inspections currently required by AD 80-26-05. The commenter stated that its airplane fleet has experienced three failures and three incidents related to fatigue cracking of the P/N 47529-32 hinge assemblies.

*What action did FAA take?* We conducted a review of the manufacturer's service history and service difficulty reports in FAA's database associated with the P/N 47529-32 MLG inboard door hinge assembly. Based on a review of this information, including the information received from the commenter, we determined that more information and analysis were needed before mandating MLG inboard door hinge assembly replacements through an AD.

We then issued an advance notice of proposed rulemaking (ANPRM) on February 11, 1997. The ANPRM was published in the **Federal Register** on

February 19, 1997 (62 FR 7375). The purpose of the ANPRM was to encourage interested persons to provide information that describes what they consider the best action (if any) for FAA to take regarding the P/N 47529-32 MLG inboard door hinge assembly issue. The FAA also withdrew the NPRM. We received no information or comments regarding the ANPRM.

We then re-evaluated the information in our service difficulty database. The database, at that time, contained 10 reports of failure or cracks found in the MLG inboard door hinge assembly on the affected airplanes. The commenter to the original NPRM had submitted six of these reports. Three of these six incident reports were specifically attributed to the original MLG inboard door hinge assemblies and three to the improved design MLG inboard door hinge assemblies. The four reports that others submitted do not specifically identify whether the original MLG inboard door hinge assemblies were installed or the improved design assemblies were installed. Since the incidents occurred on high service time airplanes and since there is no AD action mandating the installation of the improved-design MLG inboard door hinge assemblies, we presumed that the original hinge assemblies were installed.

The FAA then reviewed the three incident reports on the improved design MLG inboard door hinge assemblies and, along with the National Transportation Safety Board (NTSB), performed extensive testing and analysis of the improved design MLG inboard door hinge assemblies. Based on this review, testing, and analysis, we determined that:

- The incidents were isolated and that mandating repetitive inspections was not needed when the P/N 47529-32 MLG inboard door hinge assemblies are installed; and
- AD action should be taken to eliminate the repetitive short-interval inspections that AD 80-26-05 requires and to prevent separation of a MLG door from the airplane caused by a cracked inboard door hinge assembly.

On October 14, 1997, FAA issued an NPRM to address these issues. The NPRM was published in the **Federal Register** on October 21, 1997 (62 FR 54595).

*What has happened to justify this AD action?* Since issuance of the NPRM, we have received additional reports of cracks in the MLG inboard door hinge assemblies. The reports reference incidents on both the original design assemblies and the improved design

hinges. As of the issue date of this document, we have reports of the following:

- 27 reports of cracked improved design MLG inboard door hinge assemblies; and
- 41 reports of cracked original design MLG inboard door hinge assemblies.

### The FAA's Determination

*What has FAA decided?* After careful review of all available information related to the subject presented above, we have determined that:

- Both the improved design and original design MLG inboard door hinge assemblies on the PA-31 series airplanes are susceptible to cracking; and
- AD action should be taken to detect and correct cracked MLG inboard door hinge assemblies.

### The Supplemental NPRM

*How will the changes to the NPRM impact the public?* Proposing inspections on airplanes with the improved design MLG inboard door hinge assemblies as well as the original design assemblies presents actions that go beyond the scope of what was already proposed. Therefore, we are issuing a supplemental NPRM and reopening the comment period to allow the public additional time to comment on the proposed AD.

*What are the provisions of the supplemental NPRM?* The supplemental NPRM would apply to all PA-31 series airplanes and would require you to accomplish the following:

- Repetitively inspect the MLG inboard door hinge assemblies (regardless of part number); and
- Immediately replace any cracked MLG inboard door hinge assembly with a new MLG inboard door hinge assembly, Piper part number (P/N) 47529-32 (or FAA-approved equivalent part number).

*What document should I use to accomplish these actions?* Piper Service Bulletin No. 682, dated July 24, 1980, includes all the procedures necessary to accomplish the actions proposed in this supplemental NPRM.

### Cost Impact

*How many airplanes does the proposed AD impact?* The FAA estimates that 2,344 airplanes in the U.S. registry would be affected by the proposed AD.

*What would it cost me to accomplish each proposed inspection?* We estimate that it would take approximately 2 workhours per airplane to accomplish each proposed inspection, at an average

labor rate of \$60 an hour. Based on these figures, FAA estimates the total cost impact of each proposed inspection on U.S. operators at \$281,280, or \$120 per airplane.

*What would it cost me to replace a cracked assembly?* We estimate 2 workhours to replace a cracked MLG inboard door hinge assembly. A replacement assembly costs approximately \$270. We estimate a total cost of \$390 to replace a cracked MLG inboard door hinge assembly.

### Regulatory Impact

*How does this AD impact various entities?* The regulations proposed herein 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. Therefore, it is determined that this proposed rule would not have federalism implications under Executive Order 13132.

*How does this AD involve a significant rule or regulatory action?* The FAA has determined that the proposed action (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); and (3) if adopted, will not have a significant economic impact on a substantial number of small entities under the criteria of the Regulatory Flexibility Act. We have placed a copy of the draft regulatory evaluation

prepared for this action in the Rules Docket. You may obtain a copy of it at the Rules Docket at the location provided under the caption **ADDRESSES**.

### 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 part 39 of the Federal Aviation Regulations (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. FAA amends Section 39.13 by removing Airworthiness Directive (AD) 80-26-05, Amendment 39-3994, and by adding a new AD to read as follows:

**The New Piper Aircraft, Inc. (formerly Piper Aircraft Corporation):** Docket No. 96-CE-69-AD, Supersedes AD 80-26-05, Amendment 39-3994.

(a) *What airplanes are affected by this AD?* This AD affects the following airplane models and serial numbers, certificated in any category:

Models	Serial numbers
PA-31 .....	31-2 through 31-900 and 31-7300901 through 31-8312019.

Models	Serial numbers
PA-31-300 ..	31-2 through 31-900 and 31-7300901 through 31-8312019.
PA-31-350 ..	31-5001 through 31-5004 and 31-7305005 through 31-8553002.
PA-31-325 ..	31-7400990, 31-7512001 through 31-8312019.
PA-31P .....	31P-1 through 31P-109 and 31P-7300110 through 31P-7730012.
PA-31T .....	31T-7400002 through 31T-8120104.
PA-31T1 .....	31T-7804001 through 31T-8104073; 31T-8104101; 31T-8304001 through 31T-8304003; and 31T-1104004 through 31T-1104017.
PA-31T2 .....	31T-8166001 through 31T-8166076, and 31T-1166001 through 31T-1166008.
PA-31T3 .....	31T-8275001 through 31T-8475001, and 31T-5575001.
PA-31P-350	31P-8414001 through 31P-8414050.

(b) *Who must comply with this AD?*

Anyone who wishes to operate any of the above airplanes on the U.S. Register must comply with this AD.

(c) *What problem does this AD address?*

The actions specified by this AD are intended to detect and correct cracked main landing gear (MLG) inboard door hinge assemblies. This could result in the MLG becoming jammed with consequent loss of control of the airplane during landing operations.

(d) *What must I do to address this problem?* To address this problem, you must accomplish the following:

Action	Compliance time	Procedures
(1) Inspect all hinges and hinge attachment angles in the MLG inboard door hinge assembly.	(i) For airplanes with any MLG inboard door hinge assembly that is not made of steel: At the next inspection required by AD 80-26-05 or within the next 100 hours time-in-service (TIS) after the effective date of this AD, whichever occurs first, and thereafter at intervals not to exceed 100 hours TIS. (ii) For airplanes with any MLG inboard door hinge assembly that is made of steel ( <i>i.e.</i> , Piper part number 47529-32): Upon accumulating 2,000 hours TIS on the MLG inboard door hinge assembly, and thereafter at intervals not to exceed 2,000 hours TIS.	Accomplish in accordance with the INSTRUCTIONS section of Piper Service Bulletin No. 682, dated July 24, 1980.
(2) Replace any cracked MLG inboard door hinge assembly with a Piper part number 47529-32 assembly (or FAA-approved part number).	Prior to further flight after the inspection required by this AD. The repetitive inspection requirement of this AD is still required for airplanes incorporating these replacement assemblies. Inspect upon accumulating 2,000 hours TIS on the new assembly, and thereafter at 2,000-hour TIS intervals.	Accomplish in accordance with the INSTRUCTIONS section of Piper Service Bulletin No. 682, dated July 24, 1980.

(e) *Can I comply with this AD in any other way?*

(1) You may use an alternative method of compliance or adjust the compliance time if:

(i) Your alternative method of compliance provides an equivalent level of safety; and

(ii) The Manager, Atlanta Aircraft Certification Office (ACO), approves your

alternative. Submit your request through an FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Atlanta ACO, One Crown Center,

1895 Phoenix Boulevard, suite 450, Atlanta, Georgia 30349.

(2) Alternative methods of compliance approved in accordance with AD 80-26-05 (superseded by this action) are not considered approved as alternative methods of compliance with this AD.

**Note:** This AD applies to each airplane identified in the preceding applicability provision, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For airplanes that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (e)(1) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if you have not eliminated the unsafe condition, specific actions you propose to address it.

(f) *Where can I get information about any already-approved alternative methods of compliance?* Contact William O. Herderich, Aerospace Engineer, FAA, Atlanta Aircraft Certification Office, One Crown Center, 1895 Phoenix Boulevard, suite 450, Atlanta, Georgia 30349; telephone: (770) 703-6084; facsimile: (770) 703-6097; e-mail: william.o.herderich@faa.gov.

(g) *What if I need to fly the airplane to another location to comply with this AD?* FAA can issue a special flight permit under sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate your airplane to a location where you can accomplish the requirements of this AD.

(h) *How do I get copies of the documents referenced in this AD?* You may obtain copies of the documents referenced in this AD from The New Piper Aircraft, Inc., 2926 Piper Drive, Vero Beach, Florida 32960. You may examine these documents at FAA, Central Region, Office of the Regional Counsel, 901 Locust, Room 506, Kansas City, Missouri 64106.

(i) *Does this AD action affect any existing AD actions?* This amendment supersedes AD 80-26-05, Amendment 39-3994.

Issued in Kansas City, Missouri, on July 17, 2000.

**Marvin R. Nuss,**

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

[FR Doc. 00-18525 Filed 7-20-00; 8:45 am]

**BILLING CODE 4910-13-P**

## DEPARTMENT OF TRANSPORTATION

### Coast Guard

#### 33 CFR Part 100

[CGD05-00-031]

RIN 2115-AE46

#### Special Local Regulations for Marine Events; Sharptown Outboard Regatta, Nanticoke River, Sharptown, Maryland

**AGENCY:** Coast Guard, DOT.

**ACTION:** Notice of proposed rulemaking.

**SUMMARY:** The Coast Guard proposes to establish temporary special local regulations for the Sharptown Outboard Regatta, to be held on the waters of the Nanticoke River between Maryland S.R. 313 bridge at Sharptown, Maryland and Nanticoke River Light 43 (LLN-24175). These special local regulations are necessary to provide for the safety of life on navigable waters during the event. This action is intended to restrict vessel traffic in portions of the Nanticoke River during the event.

**DATES:** Comments and related material must reach the Coast Guard on or before August 21, 2000.

**ADDRESSES:** You may mail comments and related material to Commander (Aoax), Fifth Coast Guard District, 431 Crawford Street, Portsmouth, Virginia 23704-5004, or deliver them to the same address between 9 a.m. and 2 p.m., Monday through Friday, except Federal holidays. Comments and materials received from the public as well as documents indicated in this preamble as being available in the docket, are part of this docket and are available for inspection or copying at Commander (Aoax), Fifth Coast Guard District, 431 Crawford Street, Portsmouth, Virginia 23704-5004, between 9 a.m. and 2 p.m., Monday through Friday, except Federal holidays.

**FOR FURTHER INFORMATION CONTACT:** Chief Warrant Officer R. Houck, Marine Events Coordinator, Commander, Coast Guard Activities Baltimore, 2401 Hawkins Point Road, Baltimore Maryland, 21226-1791, telephone number (410) 576-2674.

#### SUPPLEMENTARY INFORMATION:

##### Request for Comments

We encourage you to participate in this rulemaking by submitting comments and related material. If you do so, please include your name and address, identify the docket number for this rulemaking (CGD05-00-031), indicate the specific section of this document to which each comment applies, and give the reason for each

comment. Please submit all comments and related material in an unbound format, no larger than 8½ by 11 inches, suitable for copying. The comment period for this regulation is 30 (thirty) days. This time period is adequate since the event is well publicized in the local maritime community. If you would like to know that your comments reached us, please enclose a stamped, self-addressed postcard or envelope. We will consider all comments and material received during the comment period. We may change this proposed rule in view of them.

##### Public Meeting

We do not plan to hold a public meeting. But you may submit a request for a meeting by writing to Commander (Aoax), Fifth Coast Guard District, 431 Crawford Street, Portsmouth, Virginia 23704-5004, explaining why one would be beneficial. If we determine that one would aid this rulemaking, we will hold one at a time and place announced by a later notice in the **Federal Register**.

##### Background and Purpose

The North-South Racing Association will sponsor the Sharptown Outboard Regatta on September 23 and September 24, 2000. The event will consist of 60 hydroplanes and runabouts conducting a high speed competitive race on the waters of the Nanticoke River between Maryland S.R. 313 bridge at Sharptown, Maryland and Nanticoke River Light 43 (LLN-24175). A fleet of spectator vessels is anticipated for the event. Due to the need for vessel control during the races, vessel traffic will be temporarily restricted to provide for the safety of participants, spectators and transiting vessels.

##### Discussion of Proposed Rule

The Coast Guard will establish temporary special local regulations on specified waters of the Nanticoke River. The regulated area will include waters of the Nanticoke River between Maryland S.R. 313 bridge at Sharptown, Maryland and Nanticoke River Light 43 (LLN-24175). The temporary special local regulations will be effective from 10 a. m. to 7 p.m. on September 23 and September 24, 2000, and will restrict general navigation in the regulated area during the event. Except for participants in the Sharptown Outboard Regatta and persons or vessels authorized by the Coast Guard Patrol Commander, no person or vessel may enter or remain in the regulated area.

##### Regulatory Evaluation

This proposed rule is not a "significant regulatory action" under