



CIVIL AVIATION AUTHORITY
CZECH REPUBLIC
Airworthiness Division
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AIRWORTHINESS DIRECTIVE

Number: CAA-AD-051/2003

Date of issue: June 13, 2003

The New Piper Aircraft, Inc.

PA-34-200T, PA-34-220T, PA-44-180,
PA-44-180T

AIRCRAFT – HEATER FUEL PUMP – INSPECTION/REPLACEMENT

Applicability: This AD applies to the following airplane models and serial numbers that are certificated in any category, equipped with a model 91E92-1 or model 91E93-1 aircraft heater fuel pump:

Model	Serial Nos.
PA-34-200T	34-7570002 through 34-8170092.
PA-34-220T	34-8133002 through 3449278.
PA-44-180	44-7995001 through 4496168.
PA-44-180T	44-8107001 through 44-8207020.

Effective date: June 10 2003

Compliance: Required as indicated in FAA AD 2003-11-14.

Remarks: The compliance of this AD must be recorded in Aircraft Logbook, where applicable the requirements of this AD must be integrated into Aircraft Technical Documentation. Address inquiries concerning this AD to: Civil Aviation Authority, Airworthiness Division, Ruzyně Airport, 160 08 Prague 6, Czech Republic, tel: 420 233320922, fax: 420 220562270.

Ing. Pavel MATOUŠEK
director

2003-11-14 The New Piper Aircraft, Inc.: Amendment 39-13173; Docket No. 2003-CE-23-AD.

(a) *What airplanes are affected by this AD?* This AD applies to the following airplane models and serial numbers that are certificated in any category, equipped with a model 91E92-1 or model 91E93-1 aircraft heater fuel pump:

Model	Serial Nos.
PA-34-200T	34-7570002 through 34-8170092.
PA-34-220T	34-8133002 through 3449278.
PA-44-180	44-7995001 through 4496168.
PA-44-180T	44-8107001 through 44-8207020.

(b) *Who must comply with this AD?* Anyone who wishes to operate any of the airplanes identified in paragraph (a) of this AD must comply with this AD.

(c) *What problem does this AD address?* The actions specified by this AD are intended to correct quality control problems with the heater fuel pump, which could result in failure of the heater fuel pump. Such failure could lead to fire or explosion in the cockpit.

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

Actions	Compliance	Procedures
(1) Visually inspect any aircraft heater fuel pump (mode A-91E92-1 or model 91E93-1) for leakage.	Within the next 10 hours time-in-service (TIS) after June 20, 2003 (the effective date of this AD), unless already accomplished.	In accordance with The New Piper Aircraft, Inc. Service Bulletin No. 1127, dated February 26, 2003; Kelly Aerospace Power Systems Service Information Letter Bulletin No. 110A, dated March 6, 2003; and the applicable airplane maintenance instructions.
(2) If any leak is found, inspect the pump sealing surface for abnormalities (for example, nicks, gouges, or warping). Correct any abnormality found. If any abnormality cannot be corrected, replace the heater fuel pump.	Prior to further flight after the inspection required in paragraph (d)(1) of this AD.	In accordance with The New Piper Aircraft, Inc. Service Bulletin No. 1127, dated February 26, 2003; Kelly Aerospace Power Systems Service Information Letter Bulletin No. A-110A, dated March 6, 2003; and the applicable airplane maintenance instructions.
(3) Do not install any heater fuel pump (model 91E92-1 or model 91E93-1) unless you have visually inspected the pump for leakage.	As of June 20, 2003 (the effective date of this AD).	In accordance with The New Piper Aircraft, Inc. Service Bulletin No. 1127, dated February 26, 2003; Kelly Aerospace Power Systems Service Information Letter Bulletin No. A-110A, dated March 6, 2003; and the applicable airplane maintenance instructions.

(e) *Can I comply with this AD in any other way?* To use an alternative method of compliance or adjust the compliance time, follow the procedures in 14 CFR 39.19. Send these requests to the Manager, Atlanta Aircraft Certification Office (ACO). For information on any already approved alternative methods of compliance, contact Hector Hernandez, Aerospace Engineer, FAA, Atlanta Aircraft Certification Office, One Crown Center, 1895 Phoenix Boulevard, Suite 450, Atlanta, Georgia 30349; telephone: (770) 703-6069; facsimile: (770) 703-6097.

(f) *Are any service bulletins incorporated into this AD by reference?* Actions required by this AD must be done in accordance with The New Piper Aircraft, Inc. Service Bulletin No. 1127, dated February 26, 2003, and Kelly Aerospace Power Systems Service Information Letter Bulletin No. A-110A, dated March 6, 2003. The Director of the Federal Register approved this incorporation by reference under 5 U.S.C. 552(a) and 1 CFR part 51. You can get

copies 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 this information at FAA, Central Region, Office of the Regional Counsel, 901 Locust, Room 506, Kansas City, Missouri, or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

(g) *When does this amendment become effective?* This amendment becomes effective on June 20, 2003.