



**The New Piper Aircraft, Inc.**  
2926 Piper Drive  
Vero Beach, Florida, U.S.A. 32960

# SERVICE No. 1079 BULLETIN

## PIPER CONSIDERS COMPLIANCE MANDATORY

Date: July 20, 2001

(S)

**SUBJECT:**

**UNTESTED FUEL PUMP**

**MODELS AFFECTED:**

PA-23-250 Aztec  
PA-28-161 Warrior III

PA-28-181 Archer III

**SERIAL NUMBERS AFFECTED:**

27-1 through 27-2504\*  
2816110 through 2816119  
2842001 through 2842045  
2890206 through 2890231  
2843001 through 2843414

\*For aircraft with a 28 volt fuel system and without the fuel injection system.

**COMPLIANCE TIME:**

To coincide with next regularly scheduled maintenance event, but not to exceed the next fifty (50) hours time in service.

**APPROVAL:**

The alteration as specified in the instructions section of this Service Bulletin has been shown to comply with the applicable Federal Aviation Regulations and is FAA approved.

**PURPOSE:**

It has been discovered that some electrical fuel pumps, Piper Code Number 461-740 have been sold as spares to the field. This occurred between January 1999 through March 2001. These units should not have been sold under this part number as they were not functionally tested nor modified to their next assembly drawing requirements. Additionally, the units pump end cap were not drilled and safety wired and the electrical harness was not terminated.

**INSTRUCTIONS:**

1. If the electrical fuel pump has been replaced on your aircraft between January 1999 through March 2001, an inspection of the electrical fuel pump is required. Proceed to Step 2.. If the electrical fuel pump has not been replaced between January 1999 through March 2001, no further action is required. Make a logbook entry indicating compliance with this Service Bulletin.
2. Inspect the electrical fuel pump. The pump end cap should be safety wired. The electrical harness should have a terminal crimped on the end. The electrical fuel pump should have an "FT" stamped on the pump indicating the pump has been functional tested and meets the fuel flow requirements.
3. If the inspection of the electrical fuel pump meets the criteria called out in Step 2. above, no further action is required. Make a logbook entry indicating compliance with this Service Bulletin.
4. If the inspection of the electrical fuel pump fails to meets the criteria called out in Step 2. above, replace the electrical fuel pump according to the procedures called out in the Aircraft Maintenance, Chapter 28. Make a logbook entry indicating compliance with this Service Bulletin.

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**MATERIAL REQUIRED:** One (1) each, Electrical Fuel Pump Assembly, Piper part number 62220-004(PA-28)/-005(PA-23), per aircraft.

**AVAILABILITY OF PARTS:** Your Piper Field Service Facility.

**EFFECTIVITY DATE:** This Service Bulletin is effective upon receipt.

**SUMMARY:** Applicable Factory Participation is limited to new aircraft in warranty at the time of compliance. Factory Participation will remain in effect for a period of time not to exceed 180 days from the date of this Service Bulletin.

Please contact your Factory Authorized Piper Service Facility to make arrangements for compliance with this Service Bulletin in accordance with the compliance time indicated.

**NOTE:** If you are no longer in possession of this aircraft, please forward this information to the present owner/operator and notify the factory of address/ownership corrections. Changes should include aircraft model, serial number, current owner's name and address.

Corrections/changes should be directed to:

THE NEW PIPER AIRCRAFT, INC.  
Attn: Customer Care  
2926 Piper Drive  
Vero Beach, FL 32960