



SERVICE BULLETIN

No. 347

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

"FAA DOA EA-1 Approved"

November 17, 1971

Subject: Weldon Service Bulletin WPSB-2 (Electric Fuel Pumps)

Models and Serial Numbers Affected:

Models Affected

PA-31 Navajo

PA-31P Navajo

Serial Numbers Affected

31-2 to 31-709 incl., 31-711 to 31-717 incl.,
31-719 to 31-732 incl., 31-734 to 31-736 incl.,
31-739, 31-741 to 31-751 incl., 31-753 to
31-760 incl., 31-762, 31-764 to 31-766 incl.,
31-768 and 31-775.

31P-1 to 31P-11 incl., 31P-13 to 31P-24 incl.,
31P-26 to 31P-48 incl., 31P-50, 31P-51, 31P-
54 and 31P-56.

Compliance Time: Within the next 50 hours of operation.

Purpose: Reference attached copy of Weldon Service Bulletin No. WPSB-2, dated October 14, 1971, REASON FOR THIS BULLETIN.

Instructions: Since the attached copy of Weldon Service Bulletin No. WPSB-2, dated October 14, 1971 denotes that only a certain quantity of electric fuel pumps are affected by their bulletin (reference the PART NUMBERS AFFECTED and SERIAL NUMBERS AFFECTED sections), it will be necessary to inspect the above referenced aircraft to determine if the electric fuel pumps installed are affected by Weldon Service Bulletin No. WPSB-2. Refer to attached sketch/instruction sheet for the proper inspection procedure.

Material Required:

1. PA-31 Navajo; one each (per pump) Electric Fuel Pump Modification Kit, Piper part number 760 573.
2. PA-31P Navajo; one each (per pump) Electric Fuel Pump Modification Kit, Piper part number 760 574.

Availability of Parts: Your Piper Dealer.

Effectivity Date: This Service Bulletin is effective November 22, 1971.

(over)

Summary:

Material for this modification is available free of charge through your Piper Dealer providing the Compliance Time provisions are met, and Piper Distributor and Dealer material credit application procedures are adhered to. The following labor allowance provisions are also offered for pumps requiring modification:

One-half (1/2) hour for each A10000D (PA-31) Pump;
Three-quarters (3/4) hour for each A10007B (PA-31P) Pump.

← FWD

LEFT WING

Remove access panel from underside of left wing and check serial number on fuel pump. If Serial No. 1742 thru Serial No. 3145 appears on pump, it must be modified.

FUSELAGE

BOTTOM VIEW OF LEFT WING

Open access door on underside of right wing and check serial number on fuel pump. If Serial No. 1742 thru Serial No. 3145 appears on pump, it must be modified.

RIGHT WING

OUTBOARD →

FUSELAGE

BOTTOM VIEW OF RIGHT WING

SERVICE BULLETIN
BULLETIN NO. WPSB-2
October 14, 1971

REASON FOR THIS BULLETIN:

Certain models in the Style "L" fuel pump series have experienced premature blade ring wear. Excessive wear can result in breakage of the blade ring and pump failure.

PART NUMBERS AFFECTED:

Style "L" Part A10000-D, PAC 42113-2 (481-729), PA-31 Navajo

Style "L" Part A10007-B, PAC 46638 (481-727), PA-31P Pressurized Navajo

SERIAL NUMBERS AFFECTED:

Serial 1742 thru serial 3145

RECOMMENDED CORRECTIVE ACTION:

Remove insert assembly from referenced pumps and replace with appropriate Pump Modification Kit per Piper Service Bulletin.

THE WELDON TOOL COMPANY

PUMP DIVISION

CLEVELAND, OHIO