



# Piper Aircraft Pump Eligibilities



Weldon's Piper Aircraft eligible pumps are designed, built, and tested to meet the demands of the aircraft. Whether original to the application or as a replacement, the same attention to quality is delivered.

Weldon pumps are built to the highest AS9100 standards and offer the quality and safety you are looking for in a pump. We provide a two-year warranty on new pumps and a one-year warranty on factory overhauled pumps when used in the intended application.



SAI GLOBAL  
AS9100  
Aerospace

<b>Weldon Pump Number</b> B8001-G	<b>OEM Number</b> 33959-3
<b>Airframe Eligibility</b> Piper - PA23-235 Apache, PA-23-250 Aztec	
<b>Usage</b> Fuel Boost	<b>Minimum Capacity</b> 50 GPH (294 PPH) @ 14 PSI @ 14 VDC
<b>Max Current Draw</b> 6.0 Amps	<b>Port Size</b> -6
<b>Max Full Relief Pressure (No flow)</b> 26 to 30 PSI @ 14 VDC	<b>Test Fluid</b> Aviation Gasoline

<b>Weldon Pump Number</b> B8001-H	<b>OEM Number</b> 33959-2
<b>Airframe Eligibility</b> Piper - PA23-160 & PA23-235 Apache, PA-23-250 Aztec	
<b>Usage</b> Fuel Boost	<b>Minimum Capacity</b> 50 GPH (294 PPH) @ 14 PSI @ 28 VDC
<b>Max Current Draw</b> 3.0 Amps	<b>Port Size</b> -6
<b>Max Full Relief Pressure (No flow)</b> 26 to 30 PSI @ 28 VDC	<b>Test Fluid</b> Aviation Gasoline

<b>Weldon Pump Number</b> B8120-G	<b>OEM Number</b> 461-758
<b>Airframe Eligibility</b> Piper - PA-28R-201 Arrow	
<b>Usage</b> Fuel Boost	<b>Minimum Capacity</b> 45 GPH (265 PPH) @ 14 PSI @ 14 VDC
<b>Max Current Draw</b> 5.5 Amps	<b>Port Size</b> -6
<b>Max Full Relief Pressure (No flow)</b> 29 PSI @ 14 VDC	<b>Test Fluid</b> Aviation Gasoline

<b>Weldon Pump Number</b> 8120-G	<b>OEM Number</b> 481-780
<b>Airframe Eligibility</b> Piper - PA-28R-180 PA28R-200 PA-28R-201, PA-28R-201T PA-28RT-201, PA-28RT-201T Arrow & Turbo	
<b>Usage</b> Fuel Boost	<b>Minimum Capacity</b> 45 GPH (265 PPH) @ 14 PSI @ 14 VDC
<b>Max Current Draw</b> 5.5 Amps	<b>Port Size</b> -6
<b>Max Full Relief Pressure (No flow)</b> 29 PSI @ 14 VDC	<b>Test Fluid</b> Aviation Gasoline



## An Overview of Our Piper Pumps

### Weldon Pump Number: C8100-J

**Airframe Eligibility**

Piper - PA-30, PA-39 Twin Comanche

**OEM Number**

763-518

**Usage**

Fuel Boost

**Minimum Capacity**

35 GPH (205 PPH) @ 14 PSI @ 14 VDC

**Max Full Relief Pressure (No flow)**

26 PSI @ 14 VDC

**Test Fluid**

Aviation Gasoline

**Max Current Draw**

5.0 Amps

**Port Size**

-6

### Weldon Pump Number: A10014-D40

**Airframe Eligibility**

Piper - PA31, PA31-300, PA-31-350,  
PA31-325 CR (T-1020) Navajo

**OEM Number**

42113-5

**Usage**

Fuel Boost

**Minimum Capacity**

60 GPH (352 PPH) @ 35 PSIG @ 28 VDC

**Max Full Relief Pressure (No flow)**

39-41 PSIG @ 28 VDC

**Test Fluid**

Aviation Gasoline

**Max Current Draw**

3.5 Amps

**Port Size**

-8

### Weldon Pump Number: A10014-D44

**Airframe Eligibility**

Piper - PA31, PA-31-325, PA-31-300 Navajo

**OEM Number**

42113-6

**Usage**

Fuel Boost

**Minimum Capacity**

60 GPH (352 PPH) @ 32 PSIG @ 28 VDC

**Max Full Relief Pressure (No flow)**

43-45 PSIG @ 28 VDC

**Test Fluid**

Aviation Gasoline

**Max Current Draw**

3.8 Amps

**Port Size**

-8

### Weldon Pump Number: A10014-D

**Airframe Eligibility**

Piper - PA-31-350 Chieftain

**OEM Number**

53050-2

**Usage**

Fuel Boost

**Minimum Capacity**

60 GPH (352 PPH) @ 42 PSIG @ 28 VDC

**Max Full Relief Pressure (No flow)**

46-48 PSIG @ 28 VDC

**Test Fluid**

Aviation Gasoline

**Max Current Draw**

3.5 Amps

**Port Size**

-8

### Weldon Pump Number: B10007-D

**Airframe Eligibility**

Piper PA-31-P Navajo

**OEM Number**

48885-2

**Usage**

Fuel Boost

**Minimum Capacity**

78.5 GPH (461 PPH) @ 32 PSIG @ 28 VDC

**Max Full Relief Pressure (No flow)**

39-41 PSIG @ 28 VDC

**Test Fluid**

Aviation Gasoline

**Max Current Draw**

4.0 Amps

**Port Size**

-8

### Weldon Pump Number: 10080-D

**Airframe Eligibility**

Piper - PA-32R-301T Saratoga Serial #'s  
3257001 & up

**OEM Number**

461-750

**Usage**

Fuel Boost

**Minimum Capacity**

45 GPH (265 PPH) @ 47 PSIG @ 28 VDC

**Max Full Relief Pressure (No flow)**

61 PSIG @ 28 VDC

**Test Fluid**

Aviation Gasoline

**Max Current Draw**

3.5 Amps

**Port Size**

-8

### Weldon Pump Number: 10080-B

**Airframe Eligibility**

Piper - PA-32-301T PA-32R-301T  
PA-32RT-300T

**OEM Number**

481-807

**Usage**

Fuel Boost

**Minimum Capacity**

45 GPH (265 PPH) @ 43 PSIG @ 14 VDC

**Max Full Relief Pressure (No flow)**

50 PSIG @ 14 VDC

**Test Fluid**

Aviation Gasoline

**Max Current Draw**

3.5 Amps

**Port Size**

-8

### Weldon Pump Number: 4049-A

**Airframe Eligibility**

Piper PA-42 1000 Cheyenne 400LS

**OEM Number**

4049-A

**Usage**

Prop Unfeathering

**Minimum Capacity**

35 GPH (205 PPH) @ 185 PSIG @ 27 VDC

**Max Full Relief Pressure (No flow)**

200 PSIG @ 27 VDC

**Test Fluid**

MIL - L- 23699

**Max Current Draw**

7.5 Amps  
(Duty Cycle - on  
1 minute / off  
3 minutes)

**Port Size**

-6

### Weldon Pump Number: 18023-A

**Airframe Eligibility**

Piper - PA-24-250 Comanche (with IO-540-C1B5  
only), PA 24-260 (with IO-540-D4A5 Only), PA-24-260  
(with IO-540-N1A5 only)

**OEM Number**

481-740

**Usage**

Fuel Boost

**Minimum Capacity**

50 GPH (294 PPH) @ 14 PSIG @ 14 VDC

**Max Full Relief Pressure (No flow)**

25 PSI @ 14 VDC

**Test Fluid**

Aviation Gasoline

**Max Current Draw**

6.0 Amps

**Port Size**

-6