

INSTRUMENTS • GAUGES

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See more instruments on our website.

Aerometer

FAA-PMA
APPROVED

What is Aerometer?

Aerometer is an FAA-PMA approved device that electrically activates an existing hourmeter when the forward motion of the aircraft exceeds 27 mph IAS.



What is Aircraft Time In Service?

As defined by FAR Part 1, "Time In Service, with respect to maintenance time records, means the time from the moment an aircraft leaves the surface of the earth until it touches at the next point of landing."

Why track Aircraft Time In Service?

Aerometer accurately tracks Aircraft Time In Service, not time spent taxiing, warming up, or waiting for clearances. By accurately tracking Aircraft Time In Service, you are guaranteed:

- To produce more revenue flight hours between 100 hour inspections.
- To generate more revenue hours between mandatory engine and prop TBOs.
- To extend the revenue generating period for life limited components.

Who should use Aerometer?

Any light aircraft can benefit from Aerometer! Charter operations and flight schools who customarily bill from the flight hour recorder can still take advantage of Aerometer. Simply install a second hour meter to track Time In Service in conjunction with Aerometer.

Is it easy to install?

Aerometer comes complete in kit form and can be installed in most aircraft in under 2 hours. Installation of this device requires no structural or sheet metal modification.

The Aerometer is available in comprehensive kit form with all the necessary components, STC paperwork and complete installation instructions.

Kit for Single Engine Cessna Aircraft AEROMETER-PLUS **\$324.95**

Ammeters

Deluxe Ammeter (Lighted)

- 30-0-30 amps
- 2 1/16 inch diameter case
- Light, mounting bracket, and instructions included

Deluxe Ammeter 82310 **\$75.98**



Standard Ammeter (Non-lighted)

- 2 1/16 inch diameter case
- Mounting bracket and instructions included

Ammeter, 30-0-30 amps 82200 **\$52.48**

Ammeter, 60-0-60 amps 82311 **\$62.98**



Compasses

Airpath Compasses

- All Airpath compasses meet FAA TSO-C7c requirements
- Descriptions on our website contain additional product information as well as aircraft applicability charts

C-2200 Series

Specifically designed for and fit the Cessna aircraft "bonded bracket" for installation requirements. C-2200 series compass models have an 8-32UNC threaded rivnut installed on the rear for securing during installation.



White-on-Black Markings, Red Light, 12 VDC C-2200-L4 **\$290.56**

White-on-Black Markings, White Light, 12 VDC C-2200-L4B **\$309.47**

INSTRUMENTS • GAUGES

C-2300 Series

Designed for panel-mount installation on four holes (0.170" diameter) equally spaced about a 2½" mounting circle. Each compass comes with a deviation card, deviation card window, and a deviation card holder easily mounted near the compass for easy reference.



White-on-Black Markings, Non-Lighted	C-2300	\$238.25
White-on-Black Markings, Red Light, 24 VDC	C-2300-DL4	\$232.86
White-on-Black Markings, Red Light, 12 VDC	C-2300-L4	\$261.02

C-2350 Series

Designed for bracket mounting installation. Each model is provided with a deviation card, deviation card window, and a deviation card holder unless there is a card holder already mounted on the factory installed bracket.



White-on-Black Markings, Red Light, 12 VDC	C-2350-L4	\$208.73
White-on-Black Markings, Red Light, 12 VDC ...	C-2350L4M23-12V	\$240.63
White-on-Black Markings, White Light, 12 VDC....	C-2350L4M-23B	\$217.28
Luminescent Markings, Red Light, 12 VDC	C2350L4M23VF	\$193.98

C-2400 Series

Designed for installation either for streamline type bracket housing or a pedestal type housing. Each model is provided with mounting hardware, deviation card, deviation card window and either an attached deviation card holder or standard unattached card holder depending on the application.



White-on-Black Markings, Red Light, 12 VDC	C-2400-L4P	\$299.14
White-on-Black Markings, Red Light, 12 VDC	C-2400-L4VT	\$383.08
White-on-Black Markings, Red Light, 24 VDC	C-2400L4VT-1A	\$140.96
White-on-Black Markings, Red Light, 24 VDC ...	C2400L4VW310RG	\$115.80

Compass Repair Kit

- Compass repair kit by J&M Aircraft Supply
- We recommend installation by a certified instrument repair station



JMCRK..... **\$17.65**

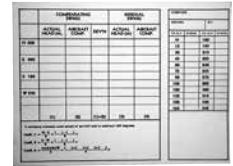
Airpath Compass Parts

Diaphragm	C21-100	\$18.78
Deviation Card Holder	C23-805	\$2.97
Deviation Card Window	C23-806	\$1.00
Deviation Card.....	C23-807	\$0.65
Jewel Post	CB21-232	\$3.56
Glass Compass Lens.....	CB21-913X	\$51.06
Bezel Sealing Gasket.....	CB21-914H	\$10.45
Bezel Spacer Gasket	CB21-915G	\$2.10
Compass Fluid (Mineral Spirits), 1 Quart.....	PR10031	\$2.78

Compass Correction Card

- Bristol board
- 6¼ inches wide by 4¾ inches high

AN5823-1..... **\$2.61**



Fuel Gauges

Stewart Warner offers these electrical and mechanical instruments with classic white-on-black graphics. They feature patented light rings for nighttime illumination, white pointers, 12 volts lamps, and low-profile, stainless steel, corrosion-resistant bezels.

Stewart Warner Fuel Level Gauges

Standard Fuel Level Gauge

- Illuminated face with white-on-black graphics; stainless steel bezel
- Size: 2½ inch diameter
- Gauge Range: Empty—½—Full
- Sending Unit: Electrical
- Mounting bracket and instructions included



Standard Fuel Level Gauge..... 82211 **\$64.73**

Deluxe Fuel Level Gauge

- Illuminated face with white-on-black graphics; stainless steel bezel
- Size: 2½ inch diameter
- Gauge Range: Empty—½—Full
- Sending Unit: Electrical (Sold Separately)
- Mounting bracket and instructions included



Deluxe Fuel Level Gauge 82303 **\$73.48**

Fuel Level Sender

- 12 volt sender for use in 6 and 12 inch deep tanks
- Used with Deluxe Stewart Warner Fuel Level Gauge (#82303 above)

Left Arm
Right Arm

Left Arm

Right Arm



See our entire inventory online

www.univair.com



Stewart Warner Fuel Pressure Gauges

- Illuminated face with white-on-black graphics; stainless steel bezel
- 2 $\frac{1}{16}$ inch diameter case
- Scale: 1–10 PSI
- Mounting bracket and instructions included

Fuel Pressure Gauge.....82319**\$104.98**



- Illuminated face with white-on-black graphics; stainless steel bezel
- 2 $\frac{1}{16}$ inch diameter case
- Scale: 2–30 PSI
- Mounting bracket and instructions included

Fuel Pressure Gauge.....82320**\$97.98**



Miscellaneous Instruments

Clock

- Analog clock face
- 2 inch diameter
- 12 volt

CK7264-12**\$180.48**



Stewart Warner Water Temperature Gauge

- Illuminated face with white-on-black graphics; stainless steel bezel
- 2 $\frac{1}{16}$ inch diameter case
- Scale: 100–265° F
- Volt/Watt/Current: 12 V (Light)
- Includes mounting bracket and instructions

82326-72**\$71.45**



Air Temperature Gauge

This thermometer has both Centigrade and Fahrenheit dial graduations. It can be installed through Plexiglas® windshield or cowl on most aircraft or through the center strip in the windshield.

2716A**\$82.28**



Airborne Vacuum Regulator Valves

2H3-2.....**\$2,499.12**

2H3-23.....**\$3,310.05**



Oil Gauges

Avox Oil Gauges

Oil Temperature Gauge

A quality built instrument of proven dependability. Furnished with all parts and fittings necessary for installation. Case and bezel dimensions are the same as Scott's oil pressure gauge. Two washers (sold separately) are available to adapt each instrument to panel holes from 2 $\frac{1}{16}$ inch diameter to 2 $\frac{3}{4}$ inch diameter.

- Scale: 100–250 PSI
- Fits panel holes 2 $\frac{1}{16}$ inch diameter to 2 $\frac{3}{8}$ inch diameter
- Capillary tube: 5 feet long with gasket and adapter to fit $\frac{5}{8}$ -18 female thread



Avox Oil Temperature Gauge13340-00**\$344.50**

Generic Oil Temperature Gauge (RN2100).....13340**\$103.00**

Adapter Washer2677**\$3.39**

Oil Pressure Gauge

- Scale: 0–120 PSI
- Fits panel holes from 2 $\frac{1}{16}$ to 2 $\frac{1}{8}$ inch diameter
- $\frac{1}{8}$ inch NPT thread, flared tube fitting connection
- Includes bracket and nuts
- Supersedes Scott RN-2550



Oil Pressure Gauge13343-01**\$227.88**

Stewart Warner Oil Gauges

Deluxe Oil Pressure Gauge

- Illuminated face with white-on-black graphics; stainless steel bezel
- 2 $\frac{1}{16}$ inch diameter case
- Scale: 5–100 PSI
- Volt/Watt/Current: 12 V (Light)
- Mounting bracket and instructions included

Oil Pressure Gauge82323**\$87.48**



Deluxe Oil Temperature Gauge

- Illuminated face with white-on-black graphics; stainless steel bezel
- 2 $\frac{1}{16}$ inch diameter case
- Scale: 140–325°F
- Volt/Watt/Current: 12 V (Light)
- Mounting brackets, instructions, $\frac{1}{2}$ inch adapter nut, and 72 inch length of tubing included

Oil Temperature Gauge.....82327-72.....**\$124.23**



Tachometers and Cables

Tachometers

Piper PA-20, PA-22 Tachometer.....	450-643	\$327.25
AC Tachometer, C90 MKG.....	RT7-C90	\$251.31

Tachometer Cables

When ordering, specify make and model of tachometer installed in your plane and whether it is recording or non-recording type.



<u>Application, Length</u>	<u>Part #</u>	<u>Price</u>
Swift, Piper PA-18, 25", Recording.....	U1713-R250	\$126.13
25", Non-Recording.....	TACH-25NR	\$103.08
Piper PA-28, 26", Recording.....	U1713-R260	\$151.82
Swift, Piper PA-28, 28", Recording.....	U1713-R280	\$198.63
28", Non-Recording.....	TACH-28NR	\$115.81
Piper J-3, 29.5", Recording	U1713-R295	\$151.82
Aeronca 7AC, 11AC, 30", Recording	U1713-R300	\$165.41
30", Non-Recording.....	TACH-30NR	\$155.22
31", Recording.....	TACH-31	\$105.29
31", Non-Recording.....	U1713-N310	\$151.82
Cessna 120/140/170, Piper J-3, PA-12/18/20/22, Meyers, Taylorcraft BC12D		
32.5", Recording.....	U1713-R325	\$165.41
33", Non-Recording.....	TACH-33NR	\$122.38
34", Recording.....	TACH-34	\$129.44
34", Non-Recording.....	U1713-N340	\$166.15
35", Recording.....	U1713-R350	\$165.41
35", Non-Recording.....	TACH-35NR	\$125.22
Piper PA-24, 37.5", Recording.....	U1713-R375	\$238.49
Piper PA-24, 42.5", Recording.....	U1713-R425	\$165.41
Piper PA-24, Stinson 108 Series, 36", Recording	TACH-36	\$133.96
36", Non-Recording.....	TACH-36NR	\$113.61
Aeronca 15AC, Bonanza, Ercoupe, 38", Recording	TACH-38	\$130.85
38", Non-Recording.....	TACH-38NR	\$125.13
40", Non-Recording.....	TACH-40NR	\$132.71
43", Recording.....	TACH-43	\$136.05
43", Non-Recording.....	TACH-43NR	\$125.13
Funk, 50", Recording	TACH-50	\$126.25
50", Non-Recording.....	TACH-50NR	\$136.35
Bellanca, 54", Recording.....	TACH-54	\$128.89
54", Non-Recording.....	TACH-54NR	\$128.89
Popular Sizes, 60", Recording	TACH-60	\$151.88
60", Non-Recording.....	TACH-60NR	\$130.18
72", Recording.....	TACH-72	\$135.85
Piper PA-25, 147", Recording.....	TACH-147	\$262.63

See our entire inventory online

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Thermocouples

<u>Description</u>	<u>Part #</u>	<u>Price</u>
CHT Thermocouple Probe, 18 mm	86202	\$154.08
Thermocouple Gasket, 14 mm	GC14MM	\$0.25

Venturi



9 inch super venturi



4 inch venturi

2" and 4" Venturi

For use on airplanes without engine-driven vacuum system. 4 inch venturi will supply vacuum for one directional gyro or one artificial horizon; 2 inch venturi will supply a turn-and-bank.

2 inch Venturi.....	2INCH-VENTURI	\$56.35
4 inch Venturi.....	4INCH-VENTURI	\$78.82

9" Super Venturi

- Will provide vacuum for full gyro panel
- Can be used with pneumatic auto-pilot
- Requires a vacuum regulator

9 inch Super Venturi.....	9INCH-VENTURI	\$91.70
Venturi Gasket, 1/8 inch thick.....	2200	\$1.26

NOTES