

# Tiny Tach

## Operating Instructions

### Commercial II Gas Model

**Tiny Tach, Commercial Gas Model** can be used as a complete Service Tracking device for any spark ignited engine. It is programmable for different engine firing orders as well as for tracking two different service intervals. The tach is a "Pulse Meter" and reads the spark pulses from your ignition system.

#### Specifications:

<b>Activation:</b>	Pulses from the ignition trigger the tach. No time is logged when the engine is not running. The pulse pickup wire is shielded to avoid interference from the electrical system. Sampling time; less than 1 sec.
<b>Operating Temp:</b>	-10 to 140 degree F (-20 to 60 degree C)
<b>Display modes:</b>	<b>Total Hours (TOT):</b> Displayed any time the engine is not running and external power is hooked up to the tach. The hours can be manually viewed during operation. Displayed in hours and minutes up to 200 hours. Over 200 hours, only full hours - max 19,999 hours.
	<b>RPM:</b> Displayed any time the engine is running. The tach can be programmed for different pulses per revolution; 1 spark per revolution (default), 1 spark for every two revolutions and 2 sparks per revolution. Max 20,000 rpm.
	<b>Max RPM (MAX):</b> Displays the maximum RPM recorded. Display can be manually reset.
	<b>Job:</b> Indicates the amount of time that has been accumulated since the function was last reset. Displayed in hours and minutes up to 200 hours. Can be manually reset.
	<b>Service (SVC):</b> Programmable service counter from 0 to 50 hours in 5 hour increments. Default set to 25 hours. Displays how much time remains ("count down") until service. Displayed in hours and minutes.
	<b>Service2 (SVC2):</b> Programmable service counter from 0 to 250 hours in 10 hour increments. Default set to 50 hours. Displays how much time remains ("count down") until service. Displayed in hours and minutes.

#### Installation:

Install the tach at an appropriate location. The design allows for either a flush panel mount or a surface mount. Avoid any hot surfaces. A general guide line is if you think you can place your hand on the intended mounting surface without discomfort while the equipment is running at full operating temperature it may be a suitable mounting location.

NOTE: For Marine use or extreme wet conditions apply a thin film of RTV/Silicone to label edges and case seam to seal.

**CAUTION: DO NOT MOUNT METER TO ANY FUEL TANK OR CRANKCASE OF AN ENGINE.**

