

RADIANT TECHNOLOGY INSTRUMENTS

RADIANT MULTI FUNCTION INSTRUMENT GEN-2



The GEN-2 Universal Multi-Function Instrument features Airspeed, adjustable Altimeter, True Airspeed. The instrument also provides readings for Outside Air Temperature (OAT) and Density Altitude with a brilliant and clear, deep black, high-contrast display.

The GEN-2 line of Radiant Technology instruments stepped up RADIANT Technology's offering to the light aircraft instrumentation. GEN-2 brings pilots familiar representations of common flight instruments and significant

digital enhancements, including True Airspeed, Density Altitude, VSI, temperature, and more. The GEN-2 Multi-Function Instrument benefits from these advancements and offers an exciting upgrade for previous customers and an excellent addition for new customers. Excellent as a primary instrument or as a backup.

UMFI 2-1/4"P/N 10-07488 ---
UMFI 3-1/8"P/N 10-07686 ---

RADIANT VISUAL ANGLE OF ATTACK



Our new Visual AOA provides direct visual feedback of the aircraft's Angle Of Attack. Any pitch change or power change is immediately reflected in the indication.

It is designed to mount on the leading edge of an experimental aircraft. It is available with a generic mount for the leading edge of aircraft. A top side mount for Sonex (low wing) aircraft is also available.

AOA 50 cm Shaft (mount **not** incl.)P/N 10-07714 ---
AOA Sonex Top Mount (Mount **Only**)P/N 10-07717 ---
AOA Experimental Leading Edge Mount (Mount **Only**)
P/N 10-07716 ---

RADIANT ANNUNCIATOR ALARM 100DB



****NOT FAA APPROVED - FOR USE IN EXPERIMENTAL AIRCRAFT ONLY**** This generation of our popular BINGO series to detect low or full fuel is the simplest yet. BINGO 6 is an easy-to-install Horizontal Fuel Float. It can be used at any point in a fuel tank to detect presence or absence of fuel. It can be paired with any alarm light or indicator, such as Radiant's 100DB Annunciator Aural Alarm. It is rated to switch loads

up to 32 volts and up to 100 milliamperes. Specifications • Usable for either up or down orientation as depicted • Normally Open switch • 32 volts maximum • 100 milliamperes maximum • Includes black wires with 15" length • Polypropylene material for compatibility with gasoline and water (alcohol: prohibited) • 1/2" NPT for easy installation in any tank • Overall length of 3.2" (82mm) • 15" black wires • Use with any light and/or our 100db aural annunciator.P/N 10-07758 ---

RADIANT BINGO 6 HORIZONTAL FUEL FLOAT



Radiant's new Annunciator is designed for general purpose use anywhere a loud aural alarm is needed. It produces a sound pressure level of 100+ dB at an effective 2.9 khz tone on 8 milliamps of current using any 12 volt supply.

This annunciator is useful for low fuel warnings and for many general purpose aircraft alarm applications, for instance, a gear warning. Affordable and easy to use. Connect through any momentary limit switch or alarm, and it lets you know something's happening. **Note: This product can be paired with the BINGO5**
P/N 10-07740 ---

RADIANT BINGO 5 FUEL DETECTION SENSOR FOR EXPERIMENTAL AIRCRAFT



BINGO 5 is a fuel detection sensor that is very useful to indicate low fuel or full fuel. It can be paired with an optional very loud Annunciator Aural Alarm.

Features: • It utilizes an easy-to-install, single-point fuel detector

combined with an LED red/green indication, harness, and optional very loud annunciator aural alarm. • This new sensor may also be used to sense fuel levels at as many points in the tank as the user desires. • Each BINGO 5 also includes a brilliant Red / Green LED and harness. The thread size of Bingo 5 is 12mm; no internal access to the tank is required.
P/N 10-07735 ---

RADIANT FUEL GAUGE GEN-2



The GEN-2 Fuel Gauge is designed to work with either one or two industry-standard 0 – 5 volt probes, as is common with capacitive probes, or with either one or two industry-standard resistive probes, which are often referred to as float-style probes. Instruments are offered for both 2 1/4" and 3 1/8" panel cutouts. The current fuel level is shown as a standard dial for one or two tanks, along with a digital representation for each tank.

The RADIANT GEN-2 Single or Dual Tank Fuel Gauge shows current contents of one or two tanks and the system voltage. Time to Empty is automatically calibrated. Works with float probes or capacitance probes. Shows fuel consumption trend from two tanks over the last 15 minutes.

For Capacitive Fuel Senders 0-5 Volt.....P/N 10-07486 ---
Capacitive 3-1/8"P/N 10-07721 ---
For Resistive Or Float Based FuelP/N 10-07487 ---
Resistive 3-1/8"P/N 10-07722 ---

RADIANT FUEL LEVEL COMPUTER



This innovative little box helps aircraft owners calibrate irregular or circular fuel tanks, providing a linear fuel level from a fuel tank that is in no way linear. It acts as an 'interposer' between the tank, fuel probe, and instrument display.

It provides the same benefit of fuel tank calibration found in EFIS systems.

Although not designed for panel mounting, it does include a five-point LED fuel gauge.

The output of the FLC may be attached to any standard fuel gauge. A fuel pressure sensor is available separately

P/N 10-07687 ---

RADIANT FUEL PRESSURE SENSOR



The Fuel Pressure Sensor inserts into any 1/8 or 1/4 NPT fitting in a fuel tank. It detects differential pressure between 0 and 1.5 bars of pressure and provides an output ranging from 0.5 to 4.5 volts. It is powered by five volts. This Fuel Pressure Sensor is ideal for users who wish to

connect a pressure sensing fuel probe directly to an EFIS. The EFIS then calibrates the probe. (Radiant does not manufacture EFIS devices.)

Pairs with the FUEL LEVEL COMPUTER to provide calibration and display.
P/N 10-07688 ---

RADIANT BINGO 4 LIQUID DETECTOR



With fuel management issues continuing to plague pilot decision making, Radiant Technology introduces the Bingo4, a small sender device that fits on the outside of the tank and easily shows the presence or absence of liquid in a tank.

Bingo4 mounts on the outside of many different kinds of tanks. It uses ultrasonic technology to indicate the presence of liquid at the point of attachment. It's the perfect instrument to indicate critical level information of the fluid inside a tank. The sender includes a flashing status LED, best for pilots who can see the tank and sender installation.

With USB Port + Panel DisplayP/N 10-07155 ---

RADIANT CARBON MONOXIDE USB ALARM



In our effort to enhance safety in aviation, we're introducing the CO-USB Carbon Monoxide Alarm, a simple device that provides a brilliant and reliable indication of CO poisoning. Per FAA guidelines, it flashes bright RED at 41 PPM. Power it up from any USB port, even your Android or late-model iPhone (15 or later). With a 5-year

warranty and low power consumption, you can depend on its reliability.

Features: • Plugs into any USB port for power • Low power consumption (30 milliamperes) • 5 year warranty • Excellent anti-interference from other gases • Temperature compensation; works across -10 to 40C • Digital output via serial data (0 to 1000ppm results @ 9600 baud) (via 5 pin port) • 3 minute warmup to first accurate result • 30 second response to first indication • 30 second recovery after removal of CO gas • Red LED illuminates at 41PPM (any level may be set for OEM integration via 5 pin port) • Digital Alarm signal output; provides a logic "1" (5 volts) whenever the red LED is blinking. (via 5 pin port) • May be powered from any +5 volt supply through the 5 pin port. P/N 10-07755 ---