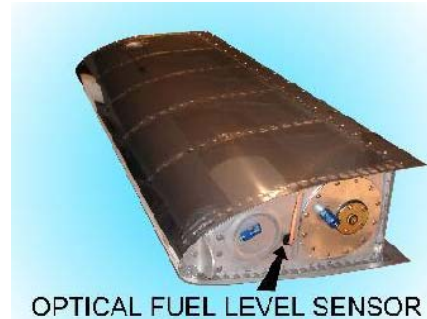


Install the "AE Fuel Guardian" in your aircraft today!



OPTICAL FUEL LEVEL SENSOR

The AE Fuel Guardian provides you with a little extra insurance. Don't be a "NO fuel statistic". As simple as it seems to keep an eye on your fuel quantity, pilots still make improper fuel management decisions. Just checking the NTSB accident statistics verifies this fact. Other problems can arise as well. Mechanical fuel senders have also been known to stick. Pilots still land and take off on a fuel tank with no fuel in it, even though there may be enough fuel to complete the trip.

**This is a totally redundant system that gets your attention fast!**

This system is a completely redundant system that is totally separate from your aircraft's fuel quantity indicators. When the large annunciator light flashes, you will know your precise fuel quantity and also the precise time to "engine shut-down" for the fuel remaining in that tank. After the pilot acknowledges the alarm, the light stays on solid to eliminate further pilot distraction.

### **FEATURES:**

#### **OPTICAL SENSORS**

- NO moving parts to wear out
- NO mechanical parts to stick
- Simple to install, (one small hole)

#### **RELIABLE ELECTRONICS**

- 100% Solid state electronics, no relays
- NO complex circuitry as with capacitive sensor systems
- Immune to noise that occurs on aircraft DC power bus

#### **"THREE STATE" ANNUNCIATOR LIGHTS**

- "Flashing" - when low fuel level occurs
- "Solid On" - after pilot acknowledges the alarm
- "Alternating Flashing" - when pilot presses, "PTT" button

### **SYSTEM INCLUDES:**

- Two annunciator panel lights with 2 Ft. leads on each
- Two optical fuel sensors with 12 Ft. of cable on each
- One acknowledge/test push button with wires
- Electronics Enclosure
- Indicator lettering decals for many different fuel levels
- Model: AEFG1-One Sensor System; AEFG2-Two Sensor System

### **FEATURES:**

#### **LARGE WARNING LIGHTS**

- Lights can be dimmed using standard aircraft dimmer bus

#### **FUEL QUANTITY DECALS**

- Decals for putting your warning fuel level on your light

#### **SELF TEST**

- Electronics automatically tests itself at power up.

#### **AUDIO OUTPUT**

- Audio output is present when a low fuel level is detected.

#### **ACKNOWLEDGE / TEST BUTTON**

- One button for system test & alarm acknowledge

#### **RETROFIT**

- Easy to install on already flying aircraft

### **SPECIFICATIONS:**

- The system will operate on +12Vdc or +24Vdc
- Electronics Enclosure dimensions: 3.5" x 2.25 x 1.25"  
(mounting: 2 holes, 0.156" dia, 5.375" apart.)
- Sensor mounting: 0.475" dia. hole
- Light dimensions: 0.705" x 0.95" (0.625" dia. panel hole)
- System Weight: < 5oz. without wiring
- (NOTE: for +24V systems, bulbs must be ordered separately.)