



H903K-250F P-3 TIT Indicator

The H903K-250F Turbine Inlet Temperature (TIT) Indicator has been designed to take advantage of the latest electronics technology. This technology allows a simplified design that provides outstanding reliability. The calculated Mean Time Before Failure (MTBF) is in excess of 11,000 hours and highly accelerated life testing indicates that the actual MTBF will be even greater.

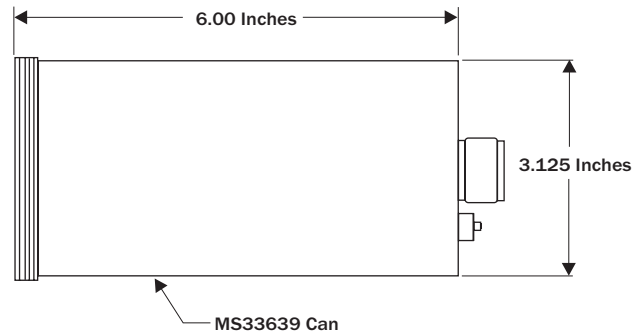
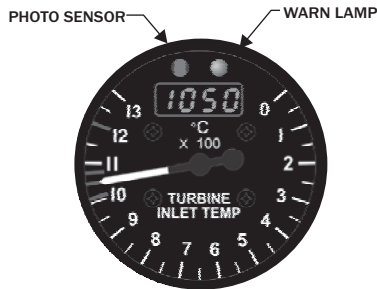
This solid-state analog /digital gauge is a form, fit and functional replacement for the TIT indicator currently used in Lockheed's P-3 aircraft. With enhanced reliability, excellent accuracy and improved readability of an LED digital display, the H903K-250F TIT Indicator supplies the level of performance needed to protect your engine investment.



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COCKPIT ENGINE INSTRUMENTATION

H903K-250F P-3 TIT Indicator



Specifications

Power Input	115 VAC \pm 10%, 380 to 420 Hz Unit requires 10 watts maximum
Signal Input	ANSI Type K Thermocouple, Range 0 to 1300 °C
Environmental	DO-160C
Accuracy	Digital accuracy: \pm 1 °C Pointer accuracy: \pm 6 °C of digital display Maximum response time is 1½ seconds to stabilize within \pm 1 °C at full scale
Fail Safe	Unit drifts downscale with open thermocouple
Digital Display	Four seven-segment, green LED characters with decimal point, NVG compatible per MIL-L-85762A Brightness automatically controlled via an integral photoelectric cell (photo sensor)
Case	Per MS33639, 3 inch diameter, 6.0 inches long, hermetically sealed.
Weight	1.8 lbs. maximum
Connector Interface	MS 3106E-16S-1S (or equivalent)
Warning Lamp	Red integral warning LED illuminated at or above 1080 °C

