Flightline Systems has designed and manufactured precision Engine Instrumentation for nearly four decades. Checkpoint is an intelligent engine monitoring system that combines the familiarity of two-inch round analog gauges with microprocessor based signal processing and digital display technology.

Checkpoint Instruments provide an easy upgrade path from existing analog instruments. Flightline is uniquely equipped to address your new or retrofit program requirements and remain dedicated to providing cost effective solutions while maintaining superior customer service and support.
FEATURES AND BENEFITS

- Digital Design
- Digital Augmented Display
- High Accuracy – No “Null” or “Span” drift
- Versatility – Adaptable to all input signals
- Lightweight – Less than .5 LBS (0.6 Dual)
- Very low power consumption <7 Watts
- Full Built-in test (BIT) – continuous
- Exceedance monitoring
- Trend monitoring
- Programmable alarms and enunciators
- Continuous sensor reasonableness testing
- Output warning signals
- Single or dual function packages
- Non-linear dial scales & custom markings
- Lower cost, weight and ease of use versus glass displays

FAMILIAR USER INTERFACE BENEFITS

- 2” Round analog display
- Recessed pointer for minimal parallax error
- Standard mounting
- Snap-lock MS connectors
- High quality back-lit display

GENERAL SPECIFICATIONS

- Power:
  - Indicator: 12 to 28 Vdc
  - Lighting: 5 or 28 Vdc

- Accuracy:
  - Analog: ± 1.0% full Scale
  - Digital: ± 0.2% full Scale

- Temperature:
  - Operating:-40° to +55°C
  - Storage: -55° to +80°C

- FAA TSO: C43c, C44b, C45a, C47, C49b, C55
- Environmental Qualification: DO-160D
- Software Certification: DO-178B, Level C