

MicroMonitor

Our Customers' Challenge:

Are you tired of unnecessary engine maintenance? Are early component removals reducing your spares and bloating your maintenance costs? Imagine a world where you can track the specific usage history of any component to optimize maintenance schedules, minimize stub life, and reduce unscheduled maintenance.



The StandardAero Solution:

StandardAero's MicroMonitor system provides on-wing engine component usage tracking through a simple, intuitive device. Capable of accurately recording the time and number of cycles accumulated over time, the MicroMonitor system records usage autonomously, requiring no power input or maintenance. To extract usage data, simply touch the device with a hand-held reader that interprets the data and provides a maintenance recommendation.

Make Your Data Work for You

The MicroMonitor System's usage tracking capabilities are combined with StandardAero's Cost and Workscope Optimization Tools to develop long-term maintenance strategies for your fleet, aimed at improving availability and reducing operating costs.

Features & Benefits:

- **No batteries, no wires, completely autonomous data collection**
- **BENEFITS: (1) Indefinite life (2) Easy to qualify for flight (3) Easy to install**
- **Simple, intuitive hand-held device that makes maintenance recommendations for the aircraft**
- **BENEFITS: (1) Minimum-to-no training required (2) Little chance of error**
- **Proven suite of reliability analysis tools to analyze data post-event.**
- **BENEFITS: (1) Not just data – it is actionable information (2) Low-risk system because we have worked out the individual pieces**

Engineering Services

StandardAero Engineering Services provides customers with more efficient and cost effective aircraft and engine maintenance through the development of highly customized technical data integration and fleet optimization tools. Along with reducing maintenance costs, these tools enhance performance, increase aircraft readiness and add predictability to engine maintenance.

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