



Engine Health Monitoring

Minimizing your unplanned downtime and costs

StandardAero offers a range of engine health monitoring (EHM) and engine condition trend monitoring (ECTM) services, providing unique analysis expertise as both an OEM-approved MRO facility and a CAMP Systems DAC (Designated Analysis Centre). With over 20 years' experience as an EHM/ECTM services provider, StandardAero provides operators with the peace of mind that the key characteristics of their engines' health is being actively monitored by our team of service engineering experts 24/7.

StandardAero provides aircraft operators around the globe with proactive recommendations on maintenance to maximize and optimize the operational usefulness of their engines (and, hence, aircraft), while minimizing maintenance expenses.

EHM/ECTM support across a wide range of engines

StandardAero provides EHM/ECTM support for a broad range of engines, from large turbofans to small turboprops. As a CAMP Systems DAC, we are able to provide ECTM analysis for the entire family of P&WC powerplants, including the JT15D, PT6A, PT6B, PT6C, PT6E, PT6T, PW100, PW150, PW200, PW300, PW500 and PW600.

We also own a CFM International Engineering License, which enables us to offer a full range of EHM analysis services for the LEAP-1A (Airbus A320neo family), LEAP-1B (Boeing 737 MAX) and CFM56-5A/-5B (Airbus A320ceo family) engine lines.

Our EHM team is also able to provide trend monitoring for a number of additional widely used engines, including the GE Aerospace CF6-80 / CF34-3/-8 and CFM International CFM56-7B through its use of SAGE (System for Analysis of Gas Turbine Engines), as well as the IAE V2500 and Rolls-Royce RB211-535.

SERVICE HIGHLIGHTS

- Over 20 years of EHM/ECTM experience
- CAMP Systems Designated Analysis Centre (DAC), supporting the P&WC JT15D, PT6A, PT6B, PT6C, PT6E, PT6T, PW100, PW150, PW200, PW300, PW500 & PW600
- Unique analysis expertise as both an OEM-approved MRO facility and a CAMP Systems DAC
- EHM analysis services for the CFM International LEAP-1A, LEAP-1B, CFM56-5A and CFM56-5B (via CFMI Engineering License)
- EHM analysis services for the CFM56-7B, CF34-3/-8 and CF6-80 via the use of SAGE
- EHM analysis services for the IAE V2500 and Rolls-Royce RB211-535
- Flexible reporting options according to the operator's preference (e.g. weekly, monthly or quarterly)
- EHM/ECTM Program Manager appointed as the customer's point of contact
- Troubleshooting assistance as required

Contact Information

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