



# Maintenance Insight™

For over 40 years, StandardAero has used engineering innovation to create industry leading time on wing, reliability, and turn times for our engine MRO. Our *Maintenance Insight™* CBM+ services are available to assist your organization in realizing these same results. StandardAero can help your organization INCREASE availability, reliability and DECREASE COST through by combining analytical best practices of CBM+ and RCM.

## Reliability Data Collection and Analysis

Make your data work for you. Using customer data, along with our Reliability Engineers and engine specific Subject Matter Experts, we help our customers collect the right data and interpret the data to understand engine removal root causes, and how to keep engines in-service longer.

## CBM+

Utilize aircraft and engine real-time digital data to predict system performance. StandardAero offers unique analysis expertise to operators as part of its Condition Based Maintenance Plus services. CBM+ provides proactive recommendations on maintenance to maximize and optimize the operational usefulness of engines while minimizing maintenance expenses. These analysis services include development of customized maintenance programs based on operating environment and aircraft utilization. This ensures maintenance takes place only when needed, before problems occur.

## Engine Workscope Optimization

Replacing too many components results in reliable, but very expensive, engines. Replacing too few components result in more shop visits and reduced availability. StandardAero's workscope tools provide the customer the data needed to determine the optimum build that balances availability, reliability, and cost of ownership.

## Reliability Centered Maintenance

StandardAero's advanced modeling can be used to support traditional RCM analysis, which provide an accurate assessment of system failure modes, their negative effects and the costs required to address them. This will result in increased maintenance effectiveness, increasing readiness, and reliability, while reducing life cycle costs

## Deployment Readiness

As a result of StandardAero's Reliability Models, operators can now know which engines are best suited for deployment. Understanding failure modes allows these failures to be PREDICTED and remedied prior to a deployment, rather than interrupting operations and requiring maintenance visits in the field.



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