



Engine Fleet Readiness Services

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.

Predictive Supply Chain

Using Reliability, StandardAero is able to fly fleets out into the future in order to understand the quantity, and the work scopes, for future Shop Visits. Using this information along with component fallout models, we are able to create a more accurate forecast of future material requirements needed to support repair and overhaul.

These tools and analysis enable the customer to make data driven decision related to material support strategies, including the cost benefits of upgraded components, the optimization of fly away kits and the use of advance analytics to understand complex replacement rates.

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 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.

Deployment Readiness

StandardAero's Deployment Readiness Tool identifies the specific aircraft systems that are not suited for deployment, or may not make it to the Aircraft's next planned down time.

This enables asset owners to proactively address low reliability assets, rather than accepting the risk of interrupting operations and/or requiring maintenance actions when it is not in the field.

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.

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.

David Crowley | Director, Technology Development
Tel: +1 210.334.6839 | David.Crowley@StandardAero.com