



ENGINEERED ASSET MANAGEMENT



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TAE is a leading engineering services company, providing a comprehensive and integrated range of design, engineering, maintenance, manufacturing and repair solutions geared to optimise the performance, efficiency and availability of your assets.

With a proud heritage in the aerospace and defence industries, TAE has proven that intelligent application of reliability, availability and maintainability (RAM) principles, coupled with state-of-the-art condition monitoring techniques, can deliver asset performance improvements that can be measured in real dollar savings, increased system availability and increased asset safety.

Engineered Asset Management Services:

- Implement a structured methodology to improve reliability, delivering substantial savings;
- Are unique among asset consultants by integrating condition monitoring techniques with reliability, availability and maintainability processes and analysis;
- Target the specific reliability, availability, maintenance and operational issues of your fixed or fleet asset to implement practical, real-world solutions;
- Offer a team of experienced, degree qualified engineers and skilled tradesmen to ensure the feasibility of the solution in your environment; and
- Act as the seamless partner to your in-house asset management and reliability improvement team.

TAE's core Asset Optimisation Services are supported by a range of complementary engineering and asset management services including:

- Maintenance Program Reviews conducted through structured FMECA/RCM analysis, supported by condition monitoring expertise.

- Analysis of maintenance tasks identified, resulting in implementation of ERP system job sheets.
- Condition monitoring services, and training, including:
 - spectrometric oil analysis,
 - wear debris analysis,
 - remote visual inspections,
 - vibration analysis and trending and;
 - gas path performance analysis (for gas turbines).
- Optimised spare parts inventory to minimise costs.
- Specialist engineering design, safety and risk management, FEA, and technical writing services.





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