

SINGAPORE AERO ENGINE SERVICES PRIVATE LIMITED



Singapore Aero Engine Services Private Limited (SAESL) is a Trent Centre of Excellence specialising in the maintenance, repair and overhaul (MRO) of the successful Rolls-Royce Trent aero engine family. Having started operations in 2001, SAESL has since become a market leader for both engine and component services. Through our parent companies, SAESL combines the knowledge of Rolls-Royce, an original equipment manufacturer, with over 20 years of overhaul expertise of Singapore Airlines Engineering Company. Significant growth over the years has driven the continued expansion of our facilities and capabilities. We currently have the capacity to repair and overhaul over 300 Trent engines a year and a state-of-the-art engine Test facility ensures best in class engine turnaround times. Furthermore, our extensive component repair capabilities enable over 80% of the engine to be repaired in-house; this includes five Centres of Excellence for Fan Blades, Compressor Blades, Nozzle Guide Vanes, Compressor Stator Vanes and Front Combustion Liners.

We are one of the largest facilities in the Rolls-Royce Civil Large Aerospace Engines MRO network. We have the unique capability to conduct MRO operations on the entire Trent Family of Rolls-Royce Engines. Our comprehensive workscope includes Hospital, check & repair, and full refurbishment engine, modular and component levels. On-Wing Support ensures effective and continuous support for our customer's needs. Lean principles are applied to improve efficiency and reduce shop turnaround times (TRT).

Through employing both Gantry and traditional strip/build methods, SAESL is equipped with better flexibility to reduce TRT on engine induction. The automated cleaning line increases efficiency by reducing bottlenecks. Investments are often made in technologically savvy equipment to enhance our capabilities while reducing costs and improving TRT. Our facilities also strive to meet the highest environmental standards.



Services we provide include:

- Engine Disassembly & Assembly
- LLP Exchange
- Parts & Accessories Repair
- Documentation
- SB Modifications
- Engine Testing
- Engineering Support
- Web-Based Status Reports

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