

## LM2500. THROUGH-LIFE SUPPORT

Avio is a General Electric Authorised Service Provider for Level 4 Gas Generators and Gas Turbine maintenance service.

Avio possesses a comprehensive mix of all General Electric products and approved maintenance, repair and overhaul procedures and testing of all LM2500 models for Industrial and Marine applications. The Brindisi Centre (Italy) guarantees the excellence of service through the very close collaboration with the customer and the dedication of our highly specialised personnel.

## MAINTENANCE, REPAIR AND OVERHAUL

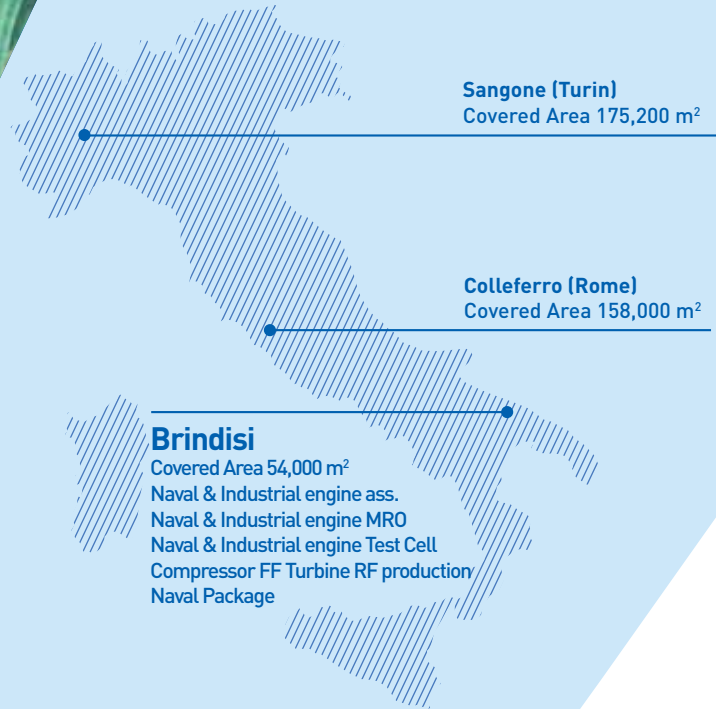
Avio's large range of services allows the customer to take advantage of expertise and skills developed since a 1968 agreement with GE to design and produce exclusive parts and the repair/overhaul of LM2500 gas turbines.

In order to guarantee continuous improvement in the availability of Gas Turbine operations, Avio offers a wide range of Integrated Logistic and Product Support services.

Avio is an "Authorised LM2500® Service Provider" for the LM2500 and LM2500+, supporting Industrial customers around the world.

- **Logistic Support Analysis**
- **Training for operators and maintainers**
- **Technical Publications**
- **On-site and offshore maintenance**
- **Logistics and Spare Parts provisioning services**
- **On-line support**
- **Engineering field support**
- **Service Bulletins**
- **Engine Maintenance, Repair and Overhaul**
- **Engine lease contracts**
- **Engine fleet configuration management**





## LM2500, LM2500+, MRO and Testing

LM family Gas Turbines are serviced in Avio's MRO shop located in Brindisi. This facility (54,000 m<sup>2</sup> of covered area) employs around 1,000 highly skilled people and, with its modern layout, is optimised to carry out repair and overhaul of the highest quality.

## Shop Service Capabilities

- Cleaning
- Inspection
- Measurement
- Module disassembly
- Accessories disassembly
- Repair
- Balancing
- Investigation
- Service bulletins upgrading
- Module re-assembly
- Testing

## Special Repair Processes

- Machining
- Welding (TIG, EBW, Arco Plasma, Resistance welding)
- Heat Treatment
- NDI
- Dimensional Inspection
- Stripping/Tip Grinding
- Galvanic Plating
- Thermal/Plasma Spray
- Shot Peening
- High precision static & dynamic balancing

