

GE AEROSPACE – SINGAPORE



GE Aerospace - Singapore is a fully owned company of GE Aerospace. We have been in Singapore for over 40 years and have played a significant role in the country's aerospace innovation and talent landscape.

GE Aerospace - Singapore is also GE Aerospace's largest site for engine component Maintenance, Repair, and Operations (MRO), accounting for more than 60 percent of our global repair volume.

Our repair capabilities span the entire range of GE Aerospace and CFM International commercial aero engine components including the GE90, GP7000, GEnx, CFM LEAP, CF6, CFM56 and CF34 engines. We also have repair capabilities for selected Marine & Industrial engines such as the LM2500 and LM6000 engines. In addition, we manufacture Vane Sectors for GE Aerospace engines.

Our suite of repair capabilities includes:

- Chemical Stripping & Cleaning
- Dynamic Fluoride Ion Cleaning
- Welding – Plasma, Laser, EB, SWET, CMT
- Additive Printing – DMLM, DED
- Robotic Polishing / Leading Edge Re-profiling
- Conventional CNC Machining
- Non-Conventional Machining (EDM, Laser Drill, Wire-Cut)
- Advanced Corrosion Resistant Coatings
- Thermal Spray Coating – Plasma, HVOF
- Chemical & Physical Vapor Deposition Coating
- Non-Destructive Testing – FPI, X-Ray, Eddy Current, Ultrasonic Inspection
- Metallurgical Laboratory

Regulatory Agency Approvals

- FAA, USA
- EASA, Europe
- CAAS, Singapore
- CAAC, China
- CAAM, Malaysia
- CAAT, Thailand
- DGCA, Indonesia
- ANAC, Brazil

Management System Standards

- AS9100
- ISO 9001
- C.A.S.E.
- NADCAP

We are the first MRO facility worldwide to use additive technology to repair jet engine components. By applying this advanced technology, we have doubled the number of jet engine parts repaired per day, reduced turnaround time, and enabled our customers to return their aircraft to the skies more quickly.

In our daily work, we actively employ GE Aerospace's proprietary FLIGHT DECK as our business operating model and apply Automation, Robotics and Digitalization strategies to increase productivity and support consistent quality and turnaround time.

Since 1981, we have been providing Component Repair Solutions that serve the needs of our valued customers from around the world. We are supported by the strength of our dedicated Repair Development and Design expertise located on site and around the world.

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