

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 Engine Services Singapore (GEAESS) is also GE Aerospace's largest site for engine component Maintenance, Repair, and Operations (MRO), accounting for more than 60 per cent of our global repair volumes.

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 also manufacture Vane Sectors for GE Aerospace engines.

Our suite of repair capabilities include:

- 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)
- Advance Corrosion Resistant Coatings
- Thermal Spray Coating – Plasma, HVOF
- Chemical & Physical Vapor Deposition Coating
- Non-Destructive Testing – FPI, X-Ray, Ultrasonic Inspection
- Metallurgical Laboratory

Regulatory Agency Approval

- FAA, USA
- EASA, Europe
- CAAS, Singapore
- CAAT, Thailand
- DGCA, Indonesia
- ANAC, Brazil

Management System Standard

- AS 9100
- 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 doubled the number of jet engine parts repaired daily, reduced turnaround time, and allow our customers to return their aircraft to the skies more quickly.

In our daily work, we actively employ Lean Manufacturing methodologies, and integrate 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 customer from all around the world. We are supported by the strength of our dedicated Repair Development and Design expertise located on site and around the world.

GE Aerospace – Singapore

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