

Engine J85-GE-21 Maintenance

Proper maintenance can improve the performance of your engine while increasing its lifespan. RUAG Aviation is the official General Electric Authorised Service Centre for maintenance services for the J85-GE-21 turbojet engine.



Description

The J85-GE-21 turbojet engine is designed and manufactured by General Electric. It is a compact, high performance and lightweight turbojet engine comprising a nine-stage axial-flow compressor coupled directly to a two-stage turbine and an afterburner with a variable area exhaust nozzle.

RUAG Aviation has since 1997 been licensed by General Electric (OEM) to carry out maintenance work for most countries operating J85-21 engines.

RUAG Aviation provides factory maintenance services (depot and intermediate level) for all Swiss Air Force engines, including examining, inspecting, modifying, repairing, testing and troubleshooting for the entire engine as well as its accessories & components. For detailed information, please ask for our complete list of capabilities.

System capabilities

J85-21 A/B/C+	I-Level	D-Level	Modification
Core Engine	full	full	full
Accessories	full	full	full
Components	full	full	full



Benefits

- Vast experience – more than 2,200 engines repaired
- Full capabilities for engine, accessories & components
- Short turnaround time (TAT)
- State-of-the-art test facilities for engine and accessories
- Configuration & modification management / control
- Development of repair procedures
- Technical assistance in operation and maintenance
- On-site troubleshooting

Your advantages

With over 60 years of experience, the RUAG Aviation Engine Services Centre has developed extensive know-how and precise processes for servicing all components as well as complete engines. Our ability to deliver superior standards of quality with low operating costs and low turnaround times has established us as a reliable partner for all our air force customers.



Engine maintenance



Compressor rotor measurement



Compressor rotor rear spool coating/thermal spraying



Accessory testing



Turbine nozzle - Stage 1 welding



Engine testing