



# Rolls-Royce RB211-535

## Rolls-Royce's RB211-535 Service Partner

In January 2018, StandardAero announced its selection by Rolls-Royce as the manufacturer's 'life of type' maintenance service provider for the RB211-535E4 wide chord fan engine. The RB211-535, which powers 58% of all Boeing 757 medium-range airliners delivered, is expected to remain in commercial service until the year 2040.

StandardAero supports the RB211-535 from its full-service overhaul facility in San Antonio, TX, alongside the CFM International LEAP-1A and LEAP-1B. The dedicated RB211 production area with the San Antonio facility features an optimized workflow layout, with cells organized to include module disassembly/assembly stations, static (case) and rotating (rotor) sub-assembly stations. The production area features 100% overhead hoist coverage, with work on the engine facilitated by a 20 ft wide main service aisle way. The San Antonio facility also features four engine test cells capable of supporting the RB211-535, with two cells initially being set up to support the type.

## In-House Repairs to Minimize Cost and TAT

Having been out of production since 2009, spare parts for the RB211-535 can be hard to come by, potentially resulting in long delays and high costs. Thanks to our extensive in-house repair capabilities via StandardAero's Component Repair Solutions (CRS) division, we are able to minimize the impact of new material shortages, reducing your turnaround time and shop visit costs.

## Full Service Capability

StandardAero is the exclusive maintenance services provider for RB211-535 engines enrolled on the Rolls-Royce TotalCare® power-by-the-hour program, ensuring that the mission availability requirements of customers supported through this long-term service agreement plan continue to be fully met.

Services provided by StandardAero on the RB211-535 include full L3/L4 capability on all major modules and worksopes, along with lighter light L1/L2 worksopes.

## SERVICE HIGHLIGHTS

- Rolls-Royce authorized 'life of type' engine maintenance services provider
- Full FAA approval received in October 2019, followed by EASA certification
- Over 200 RB211-535 engine shop visits performed for customers worldwide
- Full MRO capabilities for the RB211-535
- Supporting both program & transactional RB211-535 customers
- 810,000 sq. ft. MRO facility capable of full overhaul & test of RB211-535 engines
- Four test cells capable of supporting RB211-535: three 50,000 lb cells, and one 90,000 lb cell
- 38,000 sq. ft. engine test prep space
- 20,000 sq. ft. warehouse space
- Dedicated on-site Engineering Technical Support
- In-house component repair
- 24-hour customer response team
- Dedicated program management
- Wide range of national certification approvals, including U.S. (FAA), Europe (EASA), India (DGCA) and China (CAAC)
- Broad range of RB211-535 capabilities all managed through our Total Engine Asset Management (TEAM™) services

## Applications

- Boeing 757

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