



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. 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.

A proven partner to airlines worldwide

Generating 40,100 to 43,100 lb of power at take-off, the RB211-535E4 is currently the highest thrust engine in StandardAero's commercial MRO portfolio. As such, this new capability builds upon the company's reputation as a leading provider of maintenance, repair and overhaul services for the CFM International CFM56-7B turbofan.

Full service capability

StandardAero will be 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
- First customer engines redelivered in 2019; now supporting both program and transactional customers
- Full MRO capabilities for the RB211-535
- 50+ year relationship of supporting Rolls-Royce aero engines
- 577,000 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

Applications

- Boeing 757

Contact Information

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