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 workscopes, along with lighter light L1/L2 workscopes.

Applications
- Boeing 757

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