

F135

Engine for F-35A Conventional Takeoff and Landing (CTOL)

Dependable Fifth-Generation Power for Today's Air Forces

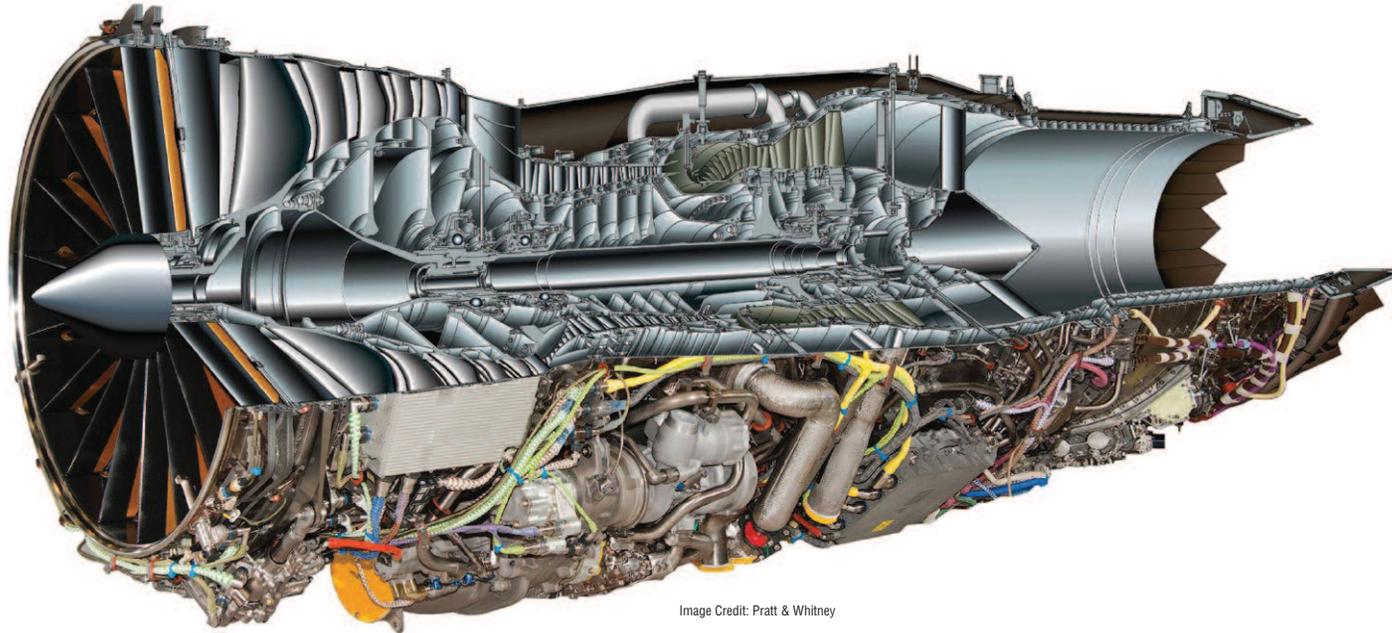


Image Credit: Pratt & Whitney

Product Facts

Engine Characteristics

Maximum thrust class	43,000 pounds (191.3 kN)
Intermediate thrust class	28,000 pounds (128.1 kN)
Length	220 inches (5.59 m)
Inlet diameter	43 inches (1.09 m)
Maximum diameter	46 inches (1.17 m)
Overall pressure ratio	28

Features

- Single-engine reliability and affordability derived from proven fifth-generation fighter technologies, design, production and sustainment.
- Advanced health monitoring and network logistics support designed to reduce sustainment costs, increase mission readiness and enable weapon system availability.
- World's most powerful fighter engine enables unequaled stealth combat capabilities and effectiveness.
- The Pratt & Whitney F135 is the only engine certified and flying on the F-35 Lightning II.



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