F135 ENGINE FOR F-35C
CARRIER VARIANT (CV)

Dependable Fifth-Generation Power for Today’s Navy

**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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