This document contains forward-looking statements concerning future business opportunities. Actual results may differ materially from those projected as a result of certain risks and uncertainties, including but not limited to changes in government procurement priorities and practices, budget plans and availability of funding, and in the number of aircraft to be built; challenges in the design, development, production and support of advanced technologies; as well as other risks and uncertainties, including but not limited to those detailed from time to time in United Technologies Corporation’s Securities and Exchange Commission filings.

Safety

- Pratt & Whitney has a strong legacy of single engine fighter safety. The 4th generation F100-PW-229, which has been in service for more than 25 years, remains the safest single-engine fighter propulsion system in U.S. Air Force’s history, with zero Class A mishaps on the F-16 since initial operation.
- The F135 builds upon this legacy - its Non-Recoverable In-Flight Shutdown rate is 13X better than 4th generation fighter engines at 200,000 engine flight hours.
- Dual Redundancy:
  - Two Full Authority Digital Engine Controls (FADECs) on board, providing complete electronic control systems backup and enhanced diagnostic coverage to detect potential issues before they happen.
  - Two Electro-Hydraulic Servo Valves (EHSV) on every actuator for control system back up.
- Engine blades are specifically designed to tolerate Foreign Object Damage (FOD). There have been over 70 foreign object ingestion events, including very large birds; each time the engine continued to operate and the pilot landed safely.

Reliability

- The F135’s mission capability rate has consistently exceeded 95 percent.
- The F135 Unscheduled Engine Removal (UER) rate has demonstrated an over 250 percent improvement over 4th generation fighter engines.
- The F135 has demonstrated successful operation in extreme climatic test conditions including temperatures as low as -40 degrees Fahrenheit.

The F135 is the world’s most advanced fighter engine, delivering unmatched advances in safety, reliability, and performance.
F135 ENGINE FOR THE F-35 LIGHTNING II

Designed for Single Engine Safety & Reliability