

PW4062

94-inch High-Bypass Turbofan Engine

Exclusive Power for the U.S. Air Force KC-46A Tanker



The 94-inch-diameter-fan versions of the Commercial PW4000 engine family have been proven in over 130 million hours of commercial service, demonstrating world-class safety, reliability and durability. The PW4062 is the latest member of the PW4000 94-inch family of high-thrust turbofans; the 94-inch PW4000 engines are in service with over 90 operators worldwide on a variety of commercial aircraft. The PW4062 engine was selected by Boeing as the exclusive engine for the multi-mission KC-46A tanker that will provide superior effectiveness, agility and flexibility for effective global combat operations.

The PW4000 engine incorporates the latest engine technologies for superior operating economics and high reliability. Advanced, service-proven technologies include single-crystal superalloy materials and a Full-Authority Digital Electronic Control (FADEC) system that delivers maintenance diagnostics, high operational performance and low fuel burn. Performance retention is enhanced with a full annular low-pressure compressor exit bleed that helps remove ingested material from the engine core.

The PW4062 engine, rated at 62,000 pounds takeoff thrust, provides the U.S. Air Force with the best combination of value, technical performance and maturity for the KC-46A.

Pratt & Whitney. **A generation ahead™**

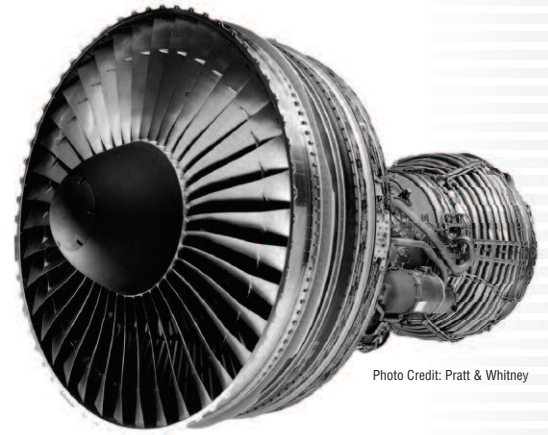


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- Robust fan blades
- Full-Authority Digital Electronic Control (FADEC)
- Advanced superalloy turbine materials and cooling

Product Facts - Over 2,500 Dependable 94-inch engines delivered around the world

Program Milestones

1982	Program launch
1984	First engine run
1985	First flight
1986	FAA engine certification
1993	180-minute ETOPS certification on 767
1999	2,000th engine delivery
2008	2,500th engine delivery
2014	First flight on the 767-2C
2015	First flight on the KC-46A Tanker
2016	First air refueling of AV-8B and F-16

Characteristics

Thrust	52,000-62,000 pounds (231.3-275.8 kN)
Weight	9,570 pounds (4,341 kg)
Length	132.7 inches (3.37 m)
Inlet diameter	94 inches (2.39 m)
Bypass ratio	4.8 to 1
Overall pressure ratio	32.3 to 1

Applications

Boeing	KC-46A
	747-400
	767-2C
	767-200/300
	MD-11
Airbus	A310-300
	A300-600

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