



# PW4062-3 / F139

MILITARY ENGINES



**EXCLUSIVE POWER FOR THE KC-46A TANKER**

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## Exclusive power for the KC-46A Tanker

The PW4062-3 (designated as the F139 engine by the U.S. Air Force) was selected by Boeing for its Tanker program. It is the exclusive engine for the multi-mission KC-46A tanker that will provide superior effectiveness, agility and flexibility for effective global combat operations. The PW4062-3 is the latest member of the PW4000 94-inch family of high-thrust turbofans; the 94-inch PW4000 engines are in service with over 60 operators worldwide on a variety of commercial aircraft.



### SAFETY

The 94-inch-diameter-fan versions of the commercial PW4000 engine family have been proven in over 152 million hours of commercial service, demonstrating world-class safety, reliability and durability.



### EXCEPTIONAL VALUE

Performance retention is enhanced with a full annular low-pressure compressor exit bleed that helps remove ingested material from the engine core. The PW4062-3 / F139 engine, rated at 62,000 pounds takeoff thrust, provides the Air Forces with the best combination of value, technical performance and maturity for the KC-46A.



### ADVANCED TECHNOLOGY

The PW4062-3 / F139 engine incorporates the latest engine technologies for superior operating economics and high reliability. Advanced, service-proven technologies include single-crystal superalloy materials, robust fan blades and a Full-Authority Digital Electronic Control (FADEC) system that delivers maintenance diagnostics, high operational performance and low fuel burn.

### ENGINE SPECIFICATIONS

Type	High-Bypass Turbofan
Thrust	52-62,000 pounds
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