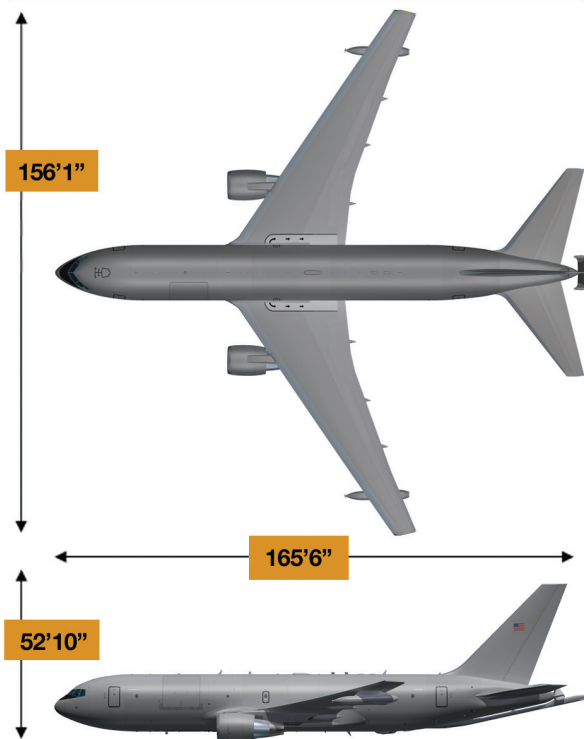


KC-46 Tanker

General Characteristics



- Power Plant: 2 Pratt & Whitney PW4062; 62,000 lbs thrust each (Sea level standard day)
- Maximum takeoff weight / distance: 415,000 lbs / 8,400'
- Max landing weight: 310,000 lbs
- Fuel Capacity: 212,299 lbs;
- Service ceiling: 43,100'
- Max airspeed: 360 KCAS / .86 M
- Configuration: Air refueling, cargo and passenger transport, aeromedical evacuation
- Refueling equipment: Boom, centerline drogue system, wing air refueling pods, air refueling receptacle

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State-of-the-Art Flight Deck

- Worldwide operations in all airspace
- 15" 787 advanced electronic displays
- NVIS compatible/T3CAS, TSAS, Link 16, MMR



Air Refueling Operator System (AROS)

- Dual instructor station with independent control sticks
- 24" displays with 3D refueling picture
- Recordable AR data and camera system



Integrated Logistics Program

- Provide 5-years of Interim Contractor Support (ICS)
- Assist the USAF Organic support capability



A New Generation in Air Refueling

KC-46

FUELING THE FIGHT

Key Features and Capabilities

KC-46 TANKER

Self Protection

- Electromagnetic pulse hardening
- Chemical / biological operations
- Fuel tank ballistic protection
- Cockpit armor

Air Refueling Receptacle

- Extended range and flexibility
- 1,200 GPM

Crew Compartment

- Seating for 15 crew members
- Bunk/Storage/Galley/Lav

Camera Systems

- Hi resolution stereoscopic boom cameras
- 185 degree panoramic field of view

Wing Air Refueling Pods (WARPS)

- 400 GPM offload rate
- Improved hose response
- Improved fault detection and isolation

Defensive Systems

- Infrared countermeasures
- Radio frequency warning
- Night vision lighting

Centerline Drogue System (CDS)

- 400 GPM offload rate
- Parts commonality with WARPS
- Permanently installed

Advanced Fly-By-Wire Refueling Boom

- Modernized KC-10 boom design
 - 1,200 GPM offload rate
 - Full-time independent disconnect
 - Full-time automatic load alleviation

Pratt & Whitney PW4062 Engines

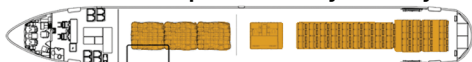
- 62K thrust per engine
- 120 kVA generators

Multi-role Capabilities

Passenger Configuration

- FAA certified for 58 passengers; 114 for contingency operations
- C-17 palletized seating
- Palletized Air Transportable Galley/Lavatory
- Palletized passenger bags

Passenger Configuration with Palletized Crew Bags and Air Transportable Galley/Lavatory



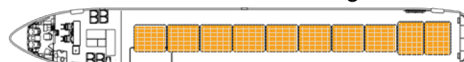
Cargo Configuration

- Seamless integration with Defense Transportation System
- 18 463L pallets; 10 pallets centerline configuration
- Integrated roller system
- Compatible with all USAF loaders

18 Pallet Configuration



10 Pallet/Centerline Configuration



Aeromedical Evacuation Configuration

- 54 patients with patient support pallets
- 24 Litter / 30 Ambulatory
- 6-patient integrated capability
- Onboard emergency oxygen & electrical power

54 Patient Configuration

