
King Air 350 Weight Statement

Design Weights

Max. Ramp Weight	15,100 lb.	6,849 kg.
Max. Takeoff Weight	15,000 lb.	6,804 kg.
Max. Landing Weight.....	15,000 lb.	6,804 kg.
Max. Zero Fuel Weight	12,500 lb.	5,670 kg.
Fuel Capacity	3,611 lb.	1,638 kg.

Weight Breakdown

Basic Empty Weight *.....	9,456 lb.	4,289 kg.
1 pilot	200 lb.	91 kg.
Basic Operating Weight.....	9,656 lb.	4,380 kg.

Typical Options:

Brake De-ice	17 lb.	8 kg.
Forward Right Side Cabinet	27 lb.	12 kg.

Typically Equipped Basic Operating Weight..... 9,700 lb. 4,400 kg.

Max. Payload	2,800 lb.	1,270 kg.
Useful Load	5,400 lb.	2,449 kg.

** Basic Empty Weight includes 8 lateral tracking chairs, nacelle baggage lockers, EGPWS and Collision Awareness System*

Specifications and Performance

Characteristics

Seating (Crew + Pax)	1 + 9 / 15
Wing Loading	48.4 lb./sq. ft.
Power Loading	7.14 lb./SHP
Noise: Takeoff	72.1 dBA

External Dimensions

Length	46 ft. 8 in.	(14.22 m)
Height	14 ft. 4 in.	(4.37 m)
Span	57 ft. 11 in.	(17.65 m)

Engines

Manufacturer	2 P&WC
Model	PT6A-60
Output	1,050 SHP/ISA+10°C
Inspection Interval	3,600 hrs.

Weights

Max Ramp	15,100 lb.	(6,849 kg.)
Max Takeoff	15,000 lb.	(6,804 kg.)
Max Landing	15,000 lb.	(6,804 kg.)
Max Zero Fuel	12,500 lb.	(5,670 kg.)
Basic Operating	9,700 lb.	(4,400 kg.)

Payload / Capacities

Max Payload	2,800 lb.	(1,270 kg.)
Useful Load	5,400 lb.	(2,449 kg.)
Max Fuel Capacity	3,611 lb.	(1,638 kg.)
(1 US gal = 6.7 lb./US gal.)	539 US gal.	
Fuel w/max payload	2,600 lb.	(1,179 kg.)

Specifications and Performance (continued)

Cabin Dimensions

Length	19 ft. 6 in.	(5.94 m)
Height	4 ft. 9 in.	(1.45 m)
Width.....	4 ft. 6 in.	(1.37 m)

Cabin Volume

Cockpit	85 cu. ft.	(2.41 cu. m)
Passenger Cabin	355 cu. ft.	(10.05 cu. m)
(including lav. & bag)		
Total Volume	440 cu. ft.	(12.46 cu. m)

Baggage Capacity

Internal - Heated, Pressurized	55.3 cu. ft./550 lb.(1.57 cu. m/249 kg.)
External Nacelle Lockers.....	16.0 cu. ft./600 lb.(0.45 cu. m/272 kg.)

Pressurization

Differential.....	6.6 PSI
Sea Level Cabin	15,293 ft.

Specifications and Performance (continued)

Airport Performance

Takeoff Field Length

Max. TO Wt., SL, ISA.....	3,300 ft.	(1,006 m)
Max. TO Wt., 5,000 ft. elevation, 25°C	5,376 ft.	(1,639 m)

Landing Distance

Max Landing Wt., SL, ISA	2,692 ft.	(821 m)
V _{approach}	109 kt	

Climb Performance (Max Takeoff Weight)

Time to Climb / Altitude	15 min / FL 250	
All-engine Climb Rate, flaps up	2,731 fpm	(832 m/min)
All-engine Climb Gradient, flaps up	917 ft./nm	(151 m/km)
Engine-out Rate, T/O flaps	552 fpm	(168 m/min)
Engine-out Gradient, T/O flaps	304 ft/nm	(50 m/km)

Ceilings

Certified.....	35,000 ft.	(10,668 m)
All Engine Service.....	35,000 ft.	(10,668 m)
Engine-out Service.....	21,500 ft.	(6,553 m)

Cruise Performance

High Speed Cruise

Speed	312 kt/359 mph	(578 km/hr)
Fuel Flow.....	773 lb./hr.	(351 kg./hr)
Altitude	FL 240	

Long Range Cruise

Speed.....	237 kt/273 mph	(439 km/hr)
Fuel Flow.....	362 lb./hr.	(164 kg./hr)
Altitude	FL 330	

Specifications and Performance (continued)

Maximum Range Performance (NBAA IFR reserves (w/100 nm alternate) – High Speed Cruise

Maximum Payload with Available Fuel (2,800 lb. payload)

Range	899 nm	(1,665 km)
Average Speed	274 kt.	(507 km/hr)
Trip Fuel	1,897 lb.	(860 kg.)

Maximum Fuel with Available Payload (1,789 lb. payload)

Range	1,489 nm	(2,758 km)
Average Speed	280 kt.	(519 km/hr)
Trip Fuel	2,916 lb.	(1,323 kg.)

4 passengers (800 lb. payload)

Range	1,545 nm	(2,861 km)
Average Speed	286 kt.	(530 km/hr)
Trip Fuel	2,959 lb.	(1,342 kg.)

Ferry (Zero payload)

Range	1,572 nm	(2,911 km)
Average Speed	290 kt.	(537 km/hr)
Trip Fuel	2,966 lb.	(1,345 kg.)

Mission Performance (4 passengers)

300 nm mission

Flight Time	1 hr. 02 min	
Trip Fuel	879 lb.	(399 kg.)
Flight Level	FL 250	

600 nm mission

Flight Time	2 hr. 01 min	
Trip Fuel	1,465 lb.	(665 kg.)
Flight Level	FL 290	

1,000 nm mission

Flight Time	3 hr. 26 min	
Trip Fuel	2,092 lb.	(949 kg.)
Flight Level	FL 330	