

King Air 350 Weight Statement**King Air 350****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 *	9,326 lb.	4,230 kg.
1 pilot.....	200 lb.	91 kg.
<hr/>		
Basic Operating Weight.....	9,526 lb.	4,321 kg.

Typical Options:

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

Typically Equipped Basic Operating Weight	9,570 lb.	4,341 kg.
--	------------------	------------------

Max. Payload	2,930 lb.	1,329 kg.
Useful Load	5,530 lb.	2,508 kg.

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

Specifications and Performance

King Air 350

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	9,570 lb.	(4,341 kg.)

Payload / Capacities

Max Payload	2,930 lb.	(1,329 kg.)
Useful Load	5,530 lb.	(2,508 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.)**King Air 350****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.)
Optional Nacelle Lockers.....	16.0 cu. ft. 600 lb.	(0.45 cu. m/272 kg.)

Pressurization

Differential	6.6 PSI
Sea Level Cabin To (ft.)	15,293 ft.

Specifications and Performance (continued.)**King Air 350****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))

Maximum Payload with Available Fuel (2,930 lb. payload)

Range	947 nm	1,754 km
Average Speed.....	243 kt.	450 km/hr
Trip Fuel.....	1,897 lb.	860 kg.

Maximum Fuel with Available Payload (1,919 lb. payload)

Range	1,598 nm	2,959 km
Average Speed.....	242 kt.	448 km/hr
Trip Fuel.....	2,951 lb.	1,339 kg.

4 passengers (800 lb. payload)

Range	1,725 nm	3,195 km
Average Speed.....	238 kt.	443 km/hr
Trip Fuel.....	2,960 lb.	1,343 kg.

Ferry (Zero payload)

Range	1,814 nm	3,360 km
Average Speed.....	233 kt.	433 km/hr
Trip Fuel.....	2,967 lb.	1,346 kg.

Mission Performance (4 passengers)

300 nm mission

Flight Time	1 hr. 02 min	
Trip Fuel.....	877 lb.	398 kg.
Flight Level.....	FL 250	

600 nm mission

Flight Time	2 hr. 01 min	
Trip Fuel.....	1,464 lb.	664 kg.
Flight Level.....	FL 290	

1,000 nm mission

Flight Time	3 hr. 26 min	
Trip Fuel.....	2,087 lb.	947 kg.
Flight Level.....	FL 330	