

Criteria	King Air A90	King Air A100	King Air A200	King Air 200T
Length	35 ft. 6in.	39 ft. 11 in.	43 ft. 10 in.	43 ft. 9 in.
Height	14 ft. 2.6 in.	15 ft. 5 in.	15 ft. 5 in.	14 ft. 6 in.
Wingspan	45 ft. 10.5 in	45 ft. 11 in.	54 ft. 6 in.	56 ft. 7 in.
Cabin Volume	230 cu. ft.	235 cu. ft.	253 cu. ft.	253 cu. ft.
Power Plant	PT6A-20	PT6A-34	PT6A-41	PT6A-41
Horsepower	550	680	850	850
Top Speed (IAS)	208 kts.	226 kts.	260 kts.	260 kts.
Stall Speed (dirty) (IAS)	77 kts.	73 kts.	75 kts.	75 kts.
Gross Weight	9,650 lbs.	12,070 lbs.	12,500 lbs.	14,090 lbs.
Empty Weight	5,600 lbs.	7,402 lbs.	8,250 lbs.	8,060 lbs.
Useful Load	4,050 lbs.	4,668 lbs.	4,250 lbs.	6,030 lbs.
Max. Payload (with full fuel)	1,570 lbs.	1,519 lbs.	615 lbs.	1,675 lbs.
Max. Fuel Capacity	370 gal.	470 gal.	544 gal.	650 gal.
Average Fuel Burn	64 gal/hr	64 gal/hr	66 gal/hr	66 gal/hr
<b>Cruise Power</b>				
Cruise Speed (TAS)	200 kts. <sup>1</sup>	231 kts. <sup>2</sup>	238 kts. <sup>3</sup>	257 kts. <sup>3</sup>
Max. Range	1,100 nm. <sup>1</sup>	1,380 nm. <sup>2</sup>	1,785 nm. <sup>3</sup>	1,935 nm. <sup>3</sup>
Max. Duration (with reserves)	5.5 hrs. <sup>1</sup>	5.9 hrs. <sup>2</sup>	7.5 hrs. <sup>3</sup>	7.5 hrs. <sup>3</sup>
<b>Max Range Power</b>				
Cruise Speed (TAS)	190 kts. <sup>1</sup>	212 kts. <sup>2</sup>	217 kts. <sup>3</sup>	219 kts. <sup>3</sup>
Max. Range	1,200 nm. <sup>1</sup>	1460 nm. <sup>2</sup>	1,888 nm. <sup>3</sup>	2,150 nm. <sup>3</sup>
Max. Duration (with reserves)	6.2 hrs. <sup>1</sup>	6.9 hrs. <sup>2</sup>	8.7 hrs. <sup>3</sup>	9.8 hrs. <sup>3</sup>
<b>Takeoff (no flaps, ISA)</b>				
Ground Roll	1,900 ft.	2,200 ft.	3,000 ft.	3,000 ft.
Over 50' Obstacle	3,600 ft.	3,500 ft.	3,800 ft.	3,800 ft.
Rate of Climb	2,100 fpm.	1,900 fpm.	2,300 fpm.	2,300 fpm.
Ceiling (RVSM - 28,000 ft.)	25,000 ft.	28,000 ft.	28,000 ft.	28,000 ft.
Rate of Climb (one engine)	500 fpm.	420 fpm.	610 fpm.	610 fpm.
Ceiling (one engine)	14,000 ft.	9,000 ft.	16,500 ft.	15,000 ft.
<b>Landing (w/o reverse, ISA)</b>				
Ground Roll	1,800 ft.	1,800 ft.	1,600 ft.	1,600 ft.
Over 50' Obstacle	2,400 ft.	3,000 ft.	2,700 ft.	2,700 ft.
Pressurized?	No	Yes	Yes	Yes

**Factors: ISA, no wind**

**Notes:**

1. @ 20,000 feet, 9,000 lbs.
2. @ 24,000 feet, 10,000 lbs.
3. @ 28,000 feet, 11,000 lbs.