

King Air B200 EPIC Platinum Performance Comparison



PT6A-42 Engines

Takeoff (Flaps Up, 12,500 lbs, SL/ISA)	B200 + Raisbeck EPIC Platinum	Factory B200GT	Improvements
Distance Over 50 ft	2,210 ft	3,300 ft	1,090 ft less runway
Part 25 Balanced Field Length (BFL)	3,990 ft	Not Certified	Airline Safety Standards
Accelerate-Stop Distance	3,250 ft	3,380 ft	130 ft less runway
Accelerate-Go Distance	3,450 ft	6,370 ft	2,920 ft less runway
Climb (12,500 lbs, SL/ISA)			
Two Engine Rate-of-Climb	2,510 ft/min	2,420 ft/min	90 ft/min more
Time-to-Climb to 28,000 ft	15 minutes	19 minutes	4 minutes quicker
Time-to-Climb to 33,000 ft	22 minutes	29 minutes	7 minutes quicker
Cruise (11,000 lbs, ISA)			
Maximum Cruise Speed at 28,000 ft	295 ktas	285 ktas	10 knots faster
Maximum Cruise Speed at 33,000 ft	286 ktas	273 ktas	13 knots faster
Maximum Cruise Prop RPM	1,600 - 1,800	1,800	Quieter cockpit & cabin
Landing (Flaps Down, 11,000 lbs, SL/ISA)			
Approach Speed (V_{REF})	90 kts	99 kts	9 kts slower approach
Landing Distance Over 50 ft (no prop reverse)	1,810 ft	2,500 ft	690 ft less runway
Propellers	96" Raisbeck/Hartzell Swept 4-Blade	93" Hartzell/Beech 4-Blade	<ul style="list-style-type: none"> • Exceptional Performance • Stunning ramp presence