

King Air B200 EPIC Gold Performance Comparison



PT6A-42 Engines; with OEM Hartzell 4-Blade Aluminum Propellers

Takeoff (Flaps Up, 12,500 lbs, SL/ISA)	B200 + Raisbeck EPIC Gold	Factory B200	Improvements
Distance Over 50 ft	2,825 ft	3,300 ft	475 ft less runway
Part 25 Balanced Field Length	3,990 ft ¹	Not Certified	Airline Safety Standards
Accelerate-Stop Distance	3,990 ft ¹	3,380 ft	610 ft more runway
Accelerate-Go Distance	3,990 ft ¹	6,360 ft	2,370 ft less runway

¹ Same as BFL at Airline Safety Standards. Raisbeck EPIC Gold AFMS does not include Accel-Stop/Go Distances.

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

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)	2,025 ft	2,590 ft	565 ft less runway