

King Air C90GT/GTi/GTx EPIC Performance Comparison



PT6A-135A Engines

Takeoff (MTOW, Flaps Up)	C90GT/GTi/GTx + Raisbeck EPIC	Factory C90GT/GTi/GTx	Improvements
Takeoff Distance (SL, ISA)	1,980 ft	3,240 ft	1,260 ft less runway
Takeoff Distance (5000 ft, 25°C)	3,370 ft	4,600 ft	1,230 ft less runway
Accelerate-Stop Distance (SL/ISA)	3,690 ft	4,200 ft	510 ft less runway
Accelerate-Go Distance (SL/ISA)	3,110 ft	4,390 ft	1,280 ft less runway
Cruise			
Cruise RPM	1,750 RPM	1,900 RPM	150 RPM less
Landing (SL/ISA/MLW/Flaps Down)			
Landing Distance without Prop Reverse	2,100 ft	2,510 ft	410 ft less runway
Landing Distance with Prop Reverse	1,600 ft	2,350 ft	750 ft less runway
Noise (Part 36/ICAO)	74.8 dB(A)	76.0 dB(A)	1.2dB(A) quieter
Propeller Diameter	96"	90"	6" larger diameter
Propeller	96" Raisbeck/Hartzell <i>Swept 4-Blade</i>	90" Hartzell/Beech 4-Blade	<ul style="list-style-type: none"> • Exceptional performance • Stunning ramp presence