

King Air C90 EPIC Performance Data		
Item	Factory Beech C90 @ 6950 lbs	Raisbeck C90 EPIC C90 (All*) @ 10350 lbs
Applicable Serial Numbers	LJ-527 thru LJ-1009	LJ527 and Later
Takeoff Gross Weight	9,650 lbs	10,350 lbs
Landing Gross Weight	9,600 lbs	9,700 lbs
Takeoff Distance Over 50 ft	2,261 ft	2,118 ft
Accelerate-Go	4,410 ft	2,985 ft
Accelerate-Stop	3,500 ft	3,600 ft
Takeoff Climb Gradient	5.00%	5.00%
Single Engine Rate of Climb	539 fpm	540 fpm
Cruise RPM	1,900	1,750
Maximum Cruise ITT	635° C	695° C
Max. Cruise Speed**	222 kts	248 KTAS
Landing Distance Over 50'	2,010 ft	2,160 ft
Propeller	93.4" Hartzell 3-Bladed	93" Hartzell/Raisbeck Quiet Turbofan
FAR 36, Appendix G Noise	Not Certified to Appendix G	82.2 dBA
* C90B/C90A/C90-1/C90		
** 18000 ft, ISA, 7500 lbs		

King Air C90-1 EPIC Performance Data		
Item	Factory Beech C90-1 @ 9600 lbs	Raisbeck C90 EPIC C90 (All*) @ 10350 lbs
Applicable Serial Numbers	LJ-1010 thru LJ-1062	LJ527 and Later
Takeoff Gross Weight	9,650 lbs	10,350 lbs
Landing Gross Weight	9,600 lbs	9,700 lbs
Takeoff Distance Over 50 ft	2,261 ft	2,118 ft
Accelerate-Go	4,270 ft	2,985 ft
Accelerate-Stop	3,500 ft	3,600 ft
Takeoff Climb Gradient	5.00%	5.00%
Single Engine Rate of Climb	539 fpm	540 fpm
Cruise RPM	1,900	1,750
Maximum Cruise ITT	680° C	695° C
Max. Cruise Speed**	237 kts	248 KTAS
Landing Distance Over 50'	2,010 ft	2,160 ft
Propeller	93.4" Hartzell 3-Bladed	93" Hartzell/Raisbeck Quiet Turbofan
FAR 36, Appendix G Noise	Not Certified to Appendix G	82.2 dBA
* C90B/C90A/C90-1/C90		
** 18000 ft, ISA, 7500 lbs		

King Air C90A (1063-1137) EPIC Performance Data

Item	Factory Beech C90A @ 9600 lbs	Raisbeck C90 EPIC C90 (All*) @ 10350 lbs
Applicable Serial Numbers	LJ-1063 thru LJ-1137	LJ527 and Later
Takeoff Gross Weight	9,650 lbs	10,350 lbs
Landing Gross Weight	9,168 lbs	9,700 lbs
Takeoff Distance Over 50 ft	2,261 ft	2,118 ft
Accelerate-Go	4,200 ft	2,985 ft
Accelerate-Stop	3,500 ft	3,600 ft
Takeoff Climb Gradient	6.30%	5.00%
Single Engine Rate of Climb	630 fpm	540 fpm
Cruise RPM	1,900	1,750
Maximum Cruise ITT	695° C	695° C
Max. Cruise Speed**	248 KTAS	248 KTAS
Landing Distance Over 50'	2,010 ft	2,160 ft
Propeller	93.4" Hartzell 3-Bladed	93" Hartzell/Raisbeck Quiet Turbofan
FAR 36, Appendix G Noise	Not Certified to Appendix G	82.2 dBA
* C90B/C90A/C90-1/C90		
** 18000 ft, ISA, 7500 lbs		

King Air C90A (1138-1299) EPIC Performance Data

Item	Factory Beech C90A @ 10100 lbs	Raisbeck C90 EPIC C90 (All*) @ 10350 lbs
Applicable Serial Numbers	LJ-1138 thru LJ-1299	LJ527 and Later
Takeoff Gross Weight	10,100 lbs	10,350 lbs
Landing Gross Weight	9,168 lbs	9,700 lbs
Takeoff Distance Over 50 ft	2,310 ft	2,118 ft
Accelerate-Go	4,450 ft	2,985 ft
Accelerate-Stop	4,000 ft	3,600 ft
Takeoff Climb Gradient	5.20%	5.00%
Single Engine Rate of Climb	565 fpm	540 fpm
Cruise RPM	1,900	1,750
Maximum Cruise ITT	695° C	695° C
Max. Cruise Speed**	248 KTAS	248 KTAS
Landing Distance Over 50'	2,350 ft	2,160 ft
Propeller	93.4" Hartzell 3-Bladed	93" Hartzell/Raisbeck Quiet Turbofan
FAR 36, Appendix G Noise	Not Certified to Appendix G	82.2 dBA
* C90B/C90A/C90-1/C90		
** 18000 ft, ISA, 7500 lbs		

King Air C90B EPIC Performance Data		
Item	Factory Beech C90B @ 10100 lbs	Raisbeck C90 EPIC C90 (All*) @ 10350 lbs
Applicable Serial Numbers	LJ-1300 and Later	LJ527 and Later
Takeoff Gross Weight	10,100 lbs	10,350 lbs
Landing Gross Weight	9,168 lbs	9,700 lbs
Takeoff Distance Over 50 ft	2,710 ft	2,118 ft
Accelerate-Go	3,650 ft	2,985 ft
Accelerate-Stop	3,600 ft	3,600 ft
Takeoff Climb Gradient	4.80%	5.00%
Single Engine Rate of Climb	495 fpm	540 fpm
Cruise RPM	1,900	1,750
Maximum Cruise ITT	695° C	695° C
Max. Cruise Speed**	248 KTAS	248 KTAS
Landing Distance Over 50'	2,290 ft	2,160 ft
Propeller	90" McCauley or Hartzell 4-Bladed	93" Hartzell/Raisbeck Quiet Turbofan
FAR 36, Appendix G Noise	84.7 dB	82.2 dBA
* C90B/C90A/C90-1/C90		
** 18000 ft, ISA, 7500 lbs		