



KODIAK 100 & KODIAK 900

WEIGHTS, PERFORMANCE & SPECS COMPARISON (IMPERIAL)

WEIGHTS & LOADING

	K100	K900
Max Ramp Weight	7,305 lbs	8,100 lbs
Max Takeoff Weight	7,255 lbs	8,000 lbs
Base Aircraft Empty Weight	3,775 lbs	4,470 lbs
Base Aircraft Useful Load	3,530 lbs	3,630 lbs
Fuel Capacity	320 gal	322 gal
Max Wing Loading	30.2 lbs/ ft ²	33.3 lbs/ft ²
Max Power Loading	9.67 lbs/hp	8.89 lbs/hp

PERFORMANCE

Stall Speed Vs1 (flaps up)	77 kcas	78 kcas
Stall Speed Vs0 (flaps down)	60 kcas	65 kcas
Rate of Climb (Sea Level)	1,340 fpm	1,724 fpm
Rate of Climb (10,000 ft)	867 fpm	1,273 fpm
Takeoff Groundroll	934 ft	1,015 ft
Landing Ground Roll	765 ft	1,460 ft
Certified Ceiling	25,000 ft	25,000 ft

POWERPLANT

Type:	PT6A-34	P&W PT6A-140A
Takeoff Power	750 hp	900 hp
Max Continuous Power	700 hp	900 hp

FUSELAGE

Cabin Width	54 in	54 in
Cabin Height	57 in	57 in
Cabin Length	190 in	227 in
Cargo Volume	248 cu ft	309 cu ft
Overall Length	33.8 ft	37.7 ft
Seats	1-10	1-10
Doors	3	3
Door Sill Height	38 in	45 in
Cargo Door Height	49.25 in	49.25 in
Cargo Door Width	49.25 in	49.25 in

FLIGHT SURFACES

Wing Area	240 ft ²	240 ft ²
Span	45 ft	45 ft
Dihedral	3°	3°
Flap Type	Fowler/Single-slotted	Fowler/Single-slotted/Flap Track Covers
Horizontal Span	20.3 ft	20.3 ft
Overall Height	14.7 ft	16.1 ft

PROPELLER

Type:	Hartzell, Constant Speed	Hartzell, Constant Speed
Diameter	Full Feathering, Reversible, 4-Blade Aluminium	Full Feathering, Reversible, 5-Blade Composite
Clearance	96 in	97 in
	19 in	15.4 in

SOURCE: Kodiak K100 & K900 Pilot's Operating Handbook



KODIAK 100 & KODIAK 900

WEIGHTS, PERFORMANCE & SPECS COMPARISON (METRIC)

WEIGHTS & LOADING

	K100	K900
Max Ramp Weight	3,313 kg	3,674 kg
Max Takeoff Weight	3,290 kg	3,629 kg
Base Aircraft Empty Weight	1,712 kg	2,028 kg
Base Aircraft Useful Load	1,601 kg	1,647 kg
Fuel Capacity	1,211 L	1,219 L
Max Wing Loading	147.45 kg/sm	162.58 kg/m ²
Max Power Loading	4.39 kg/hp	4.03 kg/hp

PERFORMANCE

Stall Speed Vs1 (flaps up)	143 kph	144 kph
Stall Speed Vs0 (flaps down)	111 kph	120 kph
Rate of Climb (Sea Level)	408 mpm	525 mpm
Rate of Climb (10,000 ft)	264 mpm	388 mpm
Takeoff Groundroll	285 m	309 m
Landing Ground Roll	233 m	445 m
Certified Ceiling	7,620 m	7,620 m

POWERPLANT

Type:	PT6A-34	P&W PT6A-140A
Takeoff Power	750 hp	900 hp
Max Continuous Power	700 hp	900 hp

FUSELAGE

Cabin Width	1.37 m	1.37 m
Cabin Height	1.45 m	1.45 m
Cabin Length	4.83 m	5.76 m
Cargo Volume	7.02 cu m	8.75 cu m
Overall Length	10.3 m	11.4 m
Seats	1-10	1-10
Doors	3	3
Door Sill Height	.97 m	1.14 m
Cargo Door Height	1.25 m	1.25 m
Cargo Door Width	1.25 m	1.25 m

FLIGHT SURFACES

Wing Area	22.3 m ²	22.3 m ²
Span	13.72 m	13.72 m
Dihedral	3°	3°
Flap Type	Fowler/Single-slotted	Fowler/Single-slotted/Flap Track Coversd
Horizontal Span	6.19 m	6.19 m
Overall Height	4.48 m	4.9 m

PROPELLER

Type:	Hartzell, Constant Speed	Hartzell, Constant Speed
Diameter	Full Feathering, Reversible, 4-Blade Aluminium	Full Feathering, Reversible, 5-Blade Composite
Clearance	2.44 m	2.46 m
	48 cm	39.11 cm

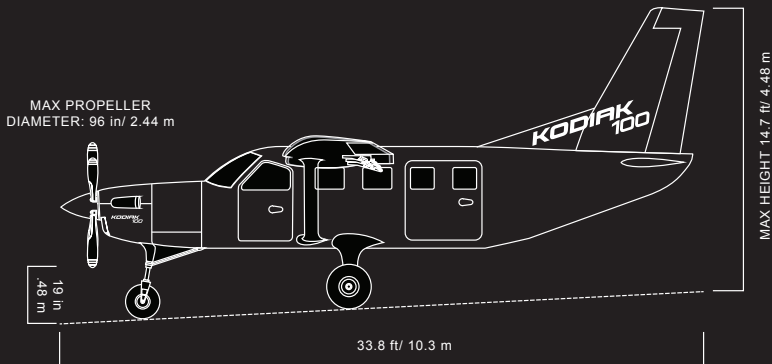
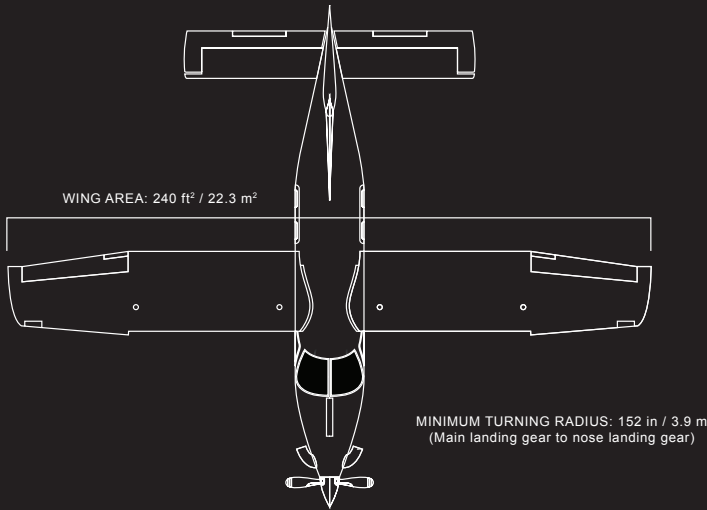
SOURCE: Kodiak K100 & K900 Pilot's Operating Handbook



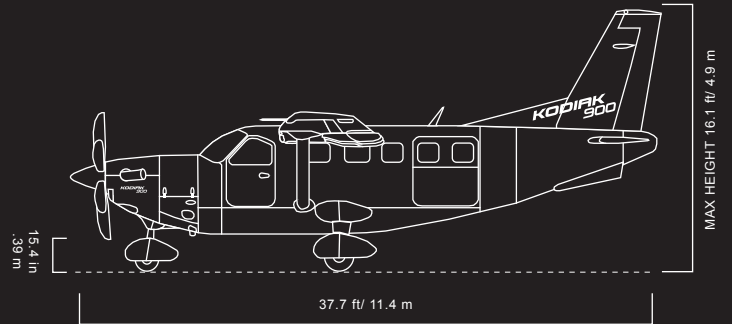
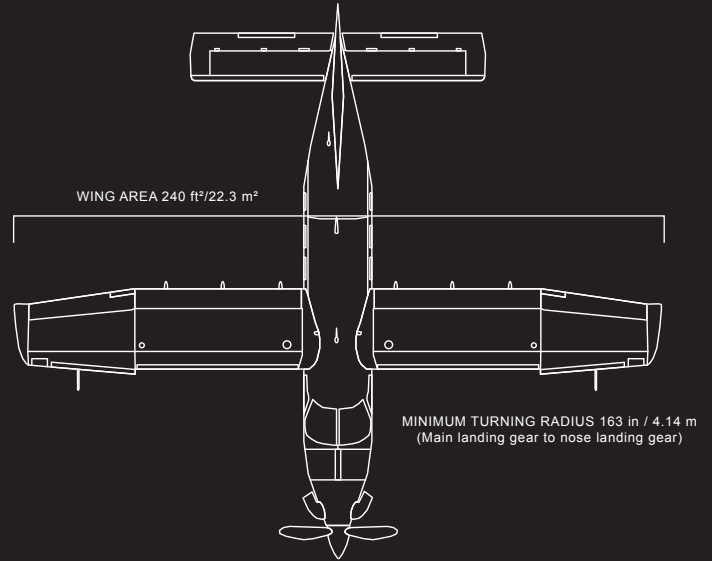
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WEIGHTS, PERFORMANCE & SPECS COMPARISON

KODIAK 100



KODIAK 900



SOURCE: Kodiak K100 & K900 Pilot's Operating Handbook (Drawings Not to Scale)