

Citation CJ2+

SPECIFICATIONS & DESCRIPTIONS

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Specifications & Descriptions / Specifications & Weights

Reaching speeds of up to 481 mph, the CJ2+ is 40 percent faster than a comparably priced B200 turboprop. You can also climb to 45,000 feet and cruise above turbulent weather, icing and traffic.

Specifications & Weights		ENGLISH (METRIC)
Maximum Cruise Speed (mid-cruise weight)	418 ktas (774 km/hr), at 31,000 ft (9,449 m)	
Ceiling	45,000 ft (13,716 m) maximum certified	
Airspeed Limits	VMO at 8,000 ft (2,438 m) to 29,123 ft (8,877 m) 278 KIAS (515 km/hr) MMO at 29,123 ft (8,877 m) and above M 0.737 (Indicated)	
Rates of Climb	All engines 4,120 fpm (1,256 m/min) Single engine 1,004 fpm (306 m/min)	
Stall Speed	86 kcas (159 km/hr) MLW, landing configuration	
Pressurization	Nominal pressure differential 8.9 psi (61 kPa)	
NBAA IFR Range (100 nm alternate)	1,613 nm (2,989 km) with full fuel and maximum takeoff weight	
Airport Performance (dry, level, hard-surfaced runway with zero wind)	Takeoff distance (SL, ISA, MTOW) 3,360 ft (1,024 m) Landing distance (SL, ISA, MLW) 2,980 ft (908 m)	
Engines	Two Williams FJ44-3A-24 Takeoff thrust 2,490 lb (11.08 kN) Bypass ratio 2.2:1	
Baggage Capacity	Volume 65 ft ³ (1.84 m ³)	
Outside Dimensions	Wingspan 49 ft 10 in (15.19 m) Overall height 14 ft 0 in (4.27 m) Overall length 47 ft 8 in (14.53 m)	
Cabin Dimensions (with typical interior installed)	Height 57 in (1.45 m) Width 58 in (1.47 m) Length (excluding cockpit) 163 in (4.14 m)	

▸ Design Weights & Fuel Capacity		ENGLISH (METRIC) TOP
Maximum ramp weight		12,625 lb (5,726 kg)
Maximum takeoff weight		12,500 lb (5,669 kg)
Maximum landing weight		11,525 lb (5,227 kg)
Maximum zero fuel weight		9,700 lb (4,399 kg)
Maximum fuel capacity (6.7 lb/gal)		3,930 lb (1,783 kg)
Typical empty weight*		7,725 lb (3,504 kg)
One pilot plus furnishings		200 lb (91 kg)
Typical basic operating weight (BOW)		7,925 lb (3,595 kg)
Useful load**		4,700 lb (2,132 kg)
Payload with full fuel		770 lb (349 kg)

Note: Performance conditions are based on the International Standard Atmosphere.

Takeoff and landing field lengths are based on level, hard-surface, dry runways with no wind.

*Reflects standard aircraft with typical options, typical interior and unusable fuel and oil.

**Amount of payload and fuel that can be carried, over and above crew (based on ramp weight).

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