



# Citation **CJ1+**

## Specifications & Descriptions / Specifications & Weights

In a CJ1+, you'll be a mover, not a shaker. That's because the CJ1+ flies at cruise speeds of up to 389 knots (448 mph) – 150 mph faster, two miles higher, and unquestionably smoother than comparable turboprops. You'll avoid weather and traffic, while traveling in silky-smooth quiet.

 Specifications & Weights		ENGLISH (METRIC)
<b>Maximum Cruise Speed (mid-cruise weight)</b>	389 ktas (720 km/hr), at 31,000 ft (9,449 m)	
<b>Airspeed Limits</b>	VMO from sea level to 30,500 ft (9,296 m) 263 KIAS (487 km/hr) MMO at 30,500 ft (9,296 m) and above M 0.71 (Indicated)	
<b>Ceiling</b>	41,000 ft (12,497 m) maximum certified	
<b>Rates of Climb</b>	All engines 3,290 fpm (1,003 m/min) Single engine 957 fpm (292 m/min)	
<b>Stall Speed</b>	83 kcas (153 km/hr) MLW, landing configuration	
<b>Pressurization</b>	Nominal pressure differential 8.5 psi (59 kP)	
<b>NBAA IFR Range (100 nm alternate)</b>	1,300 nm (2,408 km) with full fuel and maximum takeoff weight	
<b>Airport Performance (dry, level, hard-surfaced runway with zero wind)</b>	Takeoff distance (SL, ISA, MTOW) 3,250 ft (994 m) Landing distance (SL, ISA, MLW) 2,590 ft (789 m)	
<b>Engines</b>	Two Williams FJ44-1AP Takeoff thrust 1,961 lb (8.72 kN) Bypass ratio 2.65:1	
<b>Baggage Capacity</b>	Volume 45 ft <sup>3</sup> (1.27 m <sup>3</sup> )	
<b>Outside Dimensions</b>	Wingspan 46 ft 11 in (14.30 m) Overall height 13 ft 9 in (4.19 m) Overall length 42 ft 7 in (12.98 m)	
<b>Cabin Dimensions (with typical interior installed)</b>	Height 57 in (1.45 m) Width 58 in (1.47 m) Length (excluding cockpit) 132 in (3.35 m)	

 Design Weights & Fuel Capacity		ENGLISH (METRIC)    TOP
<b>Maximum ramp weight</b>	10,800 lb (4,898 kg)	
<b>Maximum takeoff weight</b>	10,700 lb (4,853 kg)	
<b>Maximum landing weight</b>	9,900 lb (4,490 kg)	
<b>Maximum zero fuel weight</b>	8,400 lb (3,810 kg)	
<b>Maximum fuel capacity (6.7 lb/gal)</b>	3,220 lb (1,461 kg)	
<b>Typical empty weight*</b>	6,690 lb (3,035 kg)	
<b>One pilot plus furnishings</b>	200 lb (91 kg)	
<b>Typical basic operating weight (BOW)</b>	6,890 lb (3,125 kg)	

<b>Useful load**</b>	3,910 lb (1,774 kg)
<b>Payload with full fuel</b>	690 lb (313 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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