



Citation CJ2+

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 1,123 fpm (342 m/min) | |
| Stall Speed | 86 kcas (159 km/hr) MLW, landing configuration | |
| Pressurization | Nominal pressure differential 8.9 psi (61 kP) | |
| NBAA IFR Range (100 nm alternate) | 1,613 nm (2,987 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* | 7,695 lb (3,490 kg) | |
| One pilot plus furnishings | 200 lb (91 kg) | |
| Typical basic operating weight (BOW) | 7,895 lb (3,581 kg) | |
| Useful load** | 4,730 lb (2,145 kg) | |

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| Payload with full fuel | 800 lb (363 kg) |
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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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