

2002 Cessna Citation Excel For Sale

POA €

QUICK SPEC

Manufacturer	Cessna
Model	Citation Excel
Year	2002
Capacity	2 - 9 Passengers
Range	2,684 km (1,741 Nm) - 1,667 Mi
Max Cruise Speed	802 km/h (433 Kts) - 498 Mph
Max.Take-Off Weight	9,162 Kg (20,199 lbs)
Total Time	POA Hours
Service Ceiling	13,716 M - 45,000 Ft

TECHNICAL SPECIFICATIONS

GENERAL CHARACTERISTICS

Type of Aircraft - Super Light Jets
Propulsion - 2 Turbofan Engines
Rate of Climb - 1,064 m/m - 3,491 ft/m
Length - 15,79 m - 51,80 feet
Wing Span - 17,16 m - 56,30 feet
Wing Area - TBA m² - TBA ft²
Height - 5,24 m - 17,20 feet
Max.Certified Takeoff Weight - 9,162 kg - 20,199 lbs
Max.Certified Landing Weight - 8,482 kg - 18,700 lbs

INTERIOR CHARACTERISTICS

This aircraft features a nine passenger Executive interior finished in cool grey leather with a two place forward divan, mid cabin four place club, and two forward aft cabin seats. The aft lavatory is enclosed for privacy and is a belted lavatory seat. The cabinetry is finished in medium high gloss veneer that transitions into grey wool carpet with designer fabric side panels. The cabin is finished with brushed nickel fixtures throughout. Passengers will enjoy the DVD entertainment package as well as Airshow on a flat screen monitor located on the forward bulkhead and passengers monitors installed between seats on the cabin drink rails. Interior completed 2012.

EXTERIOR CHARACTERISTICS

Base Paint Color - Overall Matterhorn White with blue
Stripe Color - Silver, and grey accent stripes
Program Coverage - Plane Parts
Maintenance Tracking - CMP
Certification - POA -Registry

POWERPLANT

Engine Model - Pratt and Whitney PW545
Engine Power (Each) - 16,92 kN - 3,804 lbf
Serial Number Left Engine - 00000
Serial Number Right Engine - 0000
Total Hours Left Engine - 4,485 Hours
Total Hours Right Engine - 4,485 Hours
Total Cycles Left Engine - 2,730 Cycles
Total Cycles Right Engine - 2,730 Cycles
Program Coverage - Enrolled on Power Advantage

AIRFRAME

Total Time airframe - 4485 Hours
Total landings - 2732 Landings
Entry Into Service Date - 0000
Current Location - POA

APU

Description - APU Garrett 100XL
Serial Number -
APU Total Time - 1,830 Hours
APU Total Cycles - 1,629

AVIONICS

- Honeywell Primus 1000 Radios
- Honeywell KHF950 w/ Selcal
- Dual UNS-1CSP FMS
- Dual Collins DM-850
- Dual Honeywell RM-850 RMU
- TCAS-II w/ 7.1
- Collins ADF-462
- Honeywell 3-tube EFIS
- WXR-880 Colour Radar
- Allied Signal FDR
- Meggitt Static Converter
- Honeywell Mark V EPGWS
- Artex C-406 ELT
- Dual Honeywell Air Data Computers
- Davtron Digital Clocks

ADDITIONAL

- EASA Compliant
- Airshow 400
- DVD Entertainment Package
- 20 Inch Flat Screen Monitor
- External Service Lavatory
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OTHER NOTABLE FEATURES

- Extended Range Variant
- Privately Operated
- Technik – EU-OPS 1 Certified

The Citation Excel is technically a mid-sized jet, yet it still fits in the super light jet class— its cabin length is 18.7 feet and it can fly up to 1,961 miles (1,704 nautical miles) – but it can take off in 3,590 feet and climb to cruise altitude in just 18 minutes, performance statistics reminiscent of light private jets. At any rate, the Excel boasts excellent handling capabilities, reliable systems and consistent delivery of smooth, quick flights. The Citation Excel's cabin holds eight passengers in a cabin that's quiet and draft-free due to the triple-sealed entry door and triple-pane windows. It is 5.7 feet high and 5.5 feet wide, which is about average for a midsized private jet. Details like fold-out tables and sliding headrests make the interior comfortable. There are several different seating arrangements to choose from, including one option with a three-person divan. An external compartment provides 80 cubic feet of storage space, along with some additional space in an internal closet. This private jet can climb to its cruise level in just eighteen minutes and can cruise at 423 kts. The Excel has a range of 1,907 miles (1,657 nautical miles) with four passengers. It can take off on runways as short as 3,590 feet – the shortest takeoff distance of any midsized jet. The Excel outperforms competing private jets due in large part to its two Pratt & Whitney PW545 engines. They are designed with a high-pressure core to increase thrust to 3,804 pounds apiece. Increased air flow through the engine's core allows the engines to operate at higher temperatures. A Teflon seal was added to prevent oil leaks, and the single-channel electronic control engine allows the pilot to configure fuel flow at the beginning of flight and leave the system to do the rest during flight. Manual fuel control remains available for emergencies. The Citation Excel comes standard with two air conditioning systems to keep the cabin comfortable, even in the most extreme outside temperatures. A long-travel trailing link landing gear ensures smooth landings and taxiing. High-capacity carbon brakes give this jet powerful braking capabilities that other private jets of its size do not have. The brake wear is minimal and, like all other systems in the Excel, is extremely reliable. Subtle design details exhibit Cessna's custom of creating simple, high-performance jets. The frame is made from riveted, hot-bonded aluminum alloy, which reduces assembly cost but slightly increases drag. Any lessened aerodynamic capabilities are made up for by the unusually low position of the wing, which greatly reduces drag. The Citation Excel was designed with the needs of the pilot in mind. The preflight check is easy to carry out and many flight systems only have to be set once after takeoff, then automatically adjust in flight. The avionics system is probably the most pilot-friendly feature of the Excel. The engineers of the Honeywell Primus 1000 avionics suite realizes the importance of details like consolidating multiple displays into a few, easy-to-interpret ones and placing screens close to the controls to which they apply. All of the information needed is displayed on three sleek screens. The relevant controls are located directly on the screens' faceplates to improve pilot hand-eye coordination and flight performance.