

1998 Cessna Citation Excel For Sale

POA €

QUICK SPEC

Manufacturer	Cessna
Model	Citation Excel
Year	1998
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	3,997 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

- Eight seat configuration with 2-place forward couch and center club seating.
- Additional side facing ninth belted seat in lav
- 5-inch Rosen Passenger Video displays
- Large Galley forward left side,
- Original Interior with Fire blocking

EXTERIOR CHARACTERISTICS

Base Paint Color - Overall Matterhorn White
Stripe Color - Gloss Black accents
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 - DB0032
Serial Number Right Engine - DB0033
Total Hours Left Engine - 3,994 Hours
Total Hours Right Engine - 3,997 Hours
Total Cycles Left Engine - 3,125 Cycles
Total Cycles Right Engine - 3,126 Cycles
Program Coverage - N/A

AIRFRAME

Total Time airframe - 3997 Hours
Total landings - 3126 Landings
Entry Into Service Date - 0000
Current Location - POA

APU

Description - Honeywell RE-1-XL
Serial Number - S/N P-116
APU Total Time - 1,696 Hours
APU Total Cycles - 3,014

AVIONICS

- Three Tube EFIS 8x7' DU-870 Displays
- Dual Honeywell RM-850 RMUs
- Dual Honeywell AZ-850 Air Data Units
- Dual Honeywell
- Dual Honeywell AV-850A Audio Panel
- Honeywell Primus 880 Weather Radar
- Fairchild/L3 GH-3000 CVR
- Honeywell RT-300 Radio Altimeter
- Dual Honeywell RNZ-850 COM/ATC
- Dual Honeywell RCZ-851 NAV/DME/ADF
- Dual Litef LCR-93 AHRS
- Single Honeywell DF-850 ADF
- Meggitt Standby ADU & Flight Display

OPTIONAL AVIONICS & EQUIPMENT

- Universal UNS1-CSP FMS provisions for second FMS
- Honeywell TCAS II
- Collins Airshow 400
- Universal TAWS
- 76 Cu Ft O2 Bottle
- Artex ELT

OTHER NOTABLE FEATURES

- Major maintenance performed by factory authorized service centers (Wichita, West Star, Duncan)
- Docs 1, 2, 6, 7, 8, 9, 10, 11, 13, 15, 16, 19, 34, 35, 44 Complied with May, 2017 By Duncan Aviation LNK.

CATALOGUE ESSAY

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.