



Cessna Citation CJ1

Evolutionary improvements to the Citation Jet led to the development of the CJ1 in 1999. The CJ1 has a 200-pound higher maximum take-off weight. Engine improvements give the CJ1 slightly increased range, better take-off performance, and a few more knots cruise speed compared to the Citation Jet.

The highly successful Citation Jet was developed as a replacement for the Citation and Citation I. Cessna announced the Citation Jet at the annual NBAA convention in 1989. The Citation Jet is an updated version of the Citation 500. The fuselage is the same but it has a new T-tail and a new supercritical laminar flow wing. The Citation Jet is equipped with two Williams Rolls FJ44 engines with paddle thrust reversers. First flight of the Citation Jet occurred on April 29, 1991 and certification occurred in 1992.

The CJ1 was in production until 2005, when it was superseded by the CJ1+.



ESTIMATED VARIABLE COSTS - Per Hour

Citation CJ1

Fuel (1)	\$692.78	\$-	\$-
Fuel Additives	-	-	-
Lubricants	-	-	-
Maintenance Labor (2)	97.90	-	-
Parts Airframe/Eng/Avion (3)	88.40	-	-
Engine Restoration (4)	202.72	-	-
Thrust Reverser Allowance	-	-	-
Propeller Allowance	-	-	-
APU Allowance	-	-	-
Major Periodic Maintenance	-	-	-
Misc Exp. - Landing/Parking	10.46	-	-
- Crew Expenses	60.32	-	-
- Supplies/Catering	28.68	-	-
- Carbon Offset (5)	-	-	-
- Other	-	-	-
Fractional Cost/Hour + Tax	-	-	-
Total Variable Cost/Hour	\$1,181.26	\$-	\$-
Average Speed-Kts. (6) 600-nm trip	332.00	-	-
Cost per Nautical Mile	\$3.56	\$-	\$-

Cost data in this report is intended to be used as a benchmark

FOOTNOTES - Size of Operation: 1 - 2 Aircraft

Date: 11/20/2009

Currency: \$

Type of Operation:

Corporate

1. Fuel Cost	5.17	-	-
Gallons/Hour Blk Fuel/Flt Time +15%	134	-	-
2. Maint. Labor Cost per Hour	89	-	-
Maint. Hours/Flight Hours	1.10	-	-
3. Incl. Engine Parts Cost	No		
Engine Model	FJ44-1A		
Aircraft Model Year	2005		
4. Overhaul Cost Source	JSSI Prem09		
5. CO2 Cost Per Tonne	-	-	-
6. Block Speed Source	Mftr Data		



ANNUAL FIXED COSTS

Citation CJ1

Crew salaries - Captain (7)	\$90,000	\$-	\$-
- Co Pilot	55,000	-	-
- Flt Attendant	-	-	-
- Flt Eng/Other	-	-	-
- Benefits	43,500	-	-
Hangar - Typical	26,300	-	-
Insurance - Hull (8)	10,400	-	-
Single Limit Liability	11,700	-	-
Recurrent Training	23,800	-	-
Aircraft Modernization (9)	30,000	-	-
Navigation Chart Service	4,166	-	-
Refurbishing (10)	13,350	-	-
Computer Mx. Program (11)	2,700	-	-
Weather Service (12)	700	-	-
Other Fixed Costs	-	-	-
Mgmt Fee/Yr + Tax	-	-	-
Total Fixed Cost/Year	\$311,616	\$-	\$-

Cost data in this report is intended to be used as a benchmark

FOOTNOTES - Size of Operation: 1 - 2 Aircraft

Date: 11/20/2009

Currency: \$

7. Crew Salary Source	08 NBAA		
Number of Crew	2	-	-
8. Ins Hull Value/Frac Share Cost	2,600,000	-	-
Hull Insurance Rate (%)	0.40	-	-
9. Modernization	10 Yr Avg		
10. Refurbish Labor Hrs/Seat	30	-	-
11. Comp. Mx Program Source	Typical		
12. Weather Service Source	Typical		



ANNUAL BUDGET

Citation CJ1

Utilization - Nt. Miles	175,000	-	-
- Hours	527	-	-
Variable Cost	622,524	-	-
Fixed Cost	311,616	-	-
Total Cost (No Depreciation)	\$934,140	\$-	\$-
- Per Hour	1,773.00	-	-
- Per Nt. Mile	5.34	-	-
- Per Seat Nt. Mile	1.07	-	-
Total Cost (No Depreciation)	934,140	-	-
Book Depreciation (13)	260,000	-	-
Total Cost (Book Dep)	\$1,194,140	\$-	\$-
- Per Hour	2,266.00	-	-
- Per Nt. Mile	6.82	-	-
- Per Seat Nt. Mile	1.36	-	-
Total Cost (No Depreciation)	934,140	-	-
Market Depreciation (14)	104,000	-	-
Total Cost (Market Dep.)	\$1,038,140	\$-	\$-
- Per Hour	1,970.00	-	-
- Per Nt. Mile	5.93	-	-
- Per Seat Nt. Mile	1.19	-	-

Cost data in this report is intended to be used as a benchmark

Footnotes - Size of Operation: 1 - 2 Aircraft

Date: 11/20/2009

Currency: \$

13. Book Depreciation Rate 10% per yr

14. Market Depreciation Rate 4.00



GENERAL COMPARISON

Citation CJ1

Cabin-Height (Ft.)	4.75	-	-
- Width	4.83	-	-
- Length	11.00	-	-
Cabin volume (Cu. Ft.)	198.00	-	-
Cabin Door Height (Ft.)	4.25	-	-
- Width	2.00	-	-
Baggage -Int. (Cu.Ft.)	8.00	-	-
- External	51.00	-	-
Typical Crew/Pass Seating	2/5		
Weight-Max Take-off (Lbs.)	10,600	-	-
- Maximum Landing	9,800	-	-
- Basic Operating	7,050	-	-
- Usable Fuel	3,220	-	-
Payload-Full Fuel (Lbs.)	430	-	-
- Maximum	1,350	-	-
Certified/IFR Certified	Yes/Yes		
Price - New (Corporate)/1000	4,145	-	-
- Pre Owned Rng/1000	2,100/2,600		
- Years Produced	2000 - 2005		

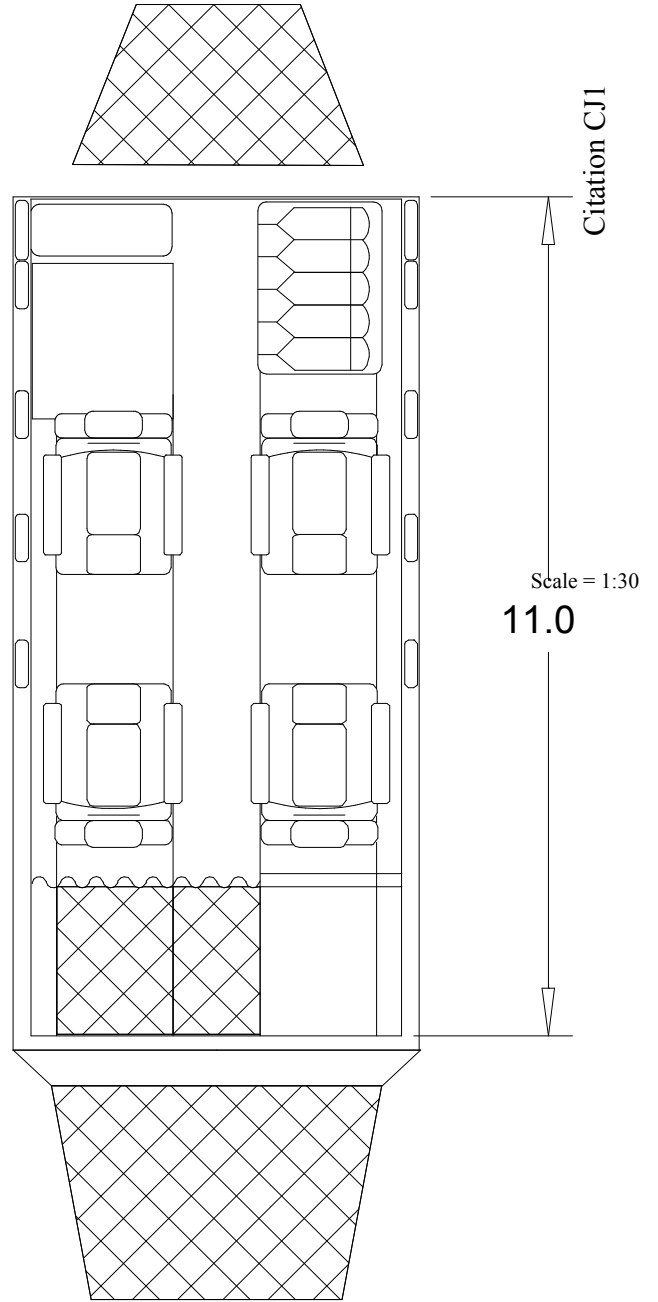
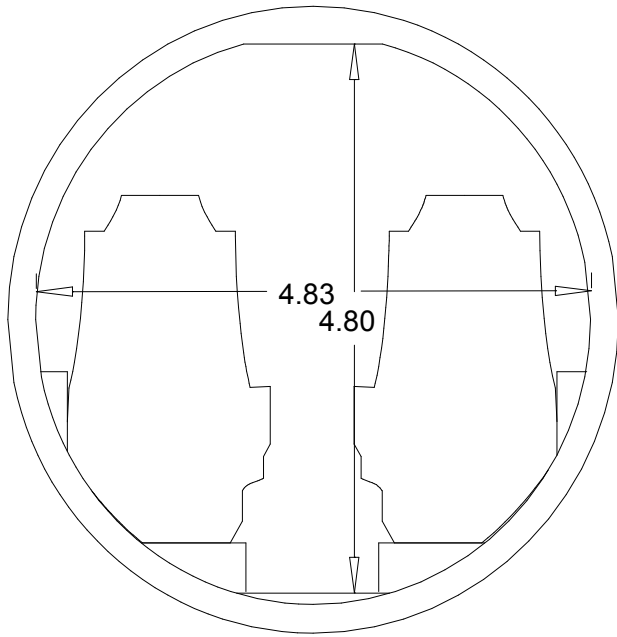
PERFORMANCE COMPARISON

Citation CJ1

Range-NBAA IFR Res (N.Mi.)			
Seats Full	775	-	-
Ferry Range - (Pilot(s) only, no pax)	1,161	-	-
Range-30 Min. Res (N.Mi.)			
Seats Full	-	-	-
Ferry Range - (Pilot(s) only, no pax)	-	-	-
Balanced Field Length (Ft.)	4,220	-	-
Landing Distance - FAR 121	4,400	-	-
Rate Of Climb (Ft/Min)	3,230	-	-
- One Engine Out	850	-	-
Cruise Speed-Max (KTAS)	381	-	-
- Normal	381	-	-
- Long Range	307	-	-
Stall Speed (IAS)	77	-	-
Ceiling-Service MTOW (Ft.)	41,000	-	-
- Service OEI	21,200	-	-
- Hover IGE (Helicopter Only)	-	-	-
- Hover OGE (Helicopter Only)	-	-	-

INTERIOR

Scale = 1:20



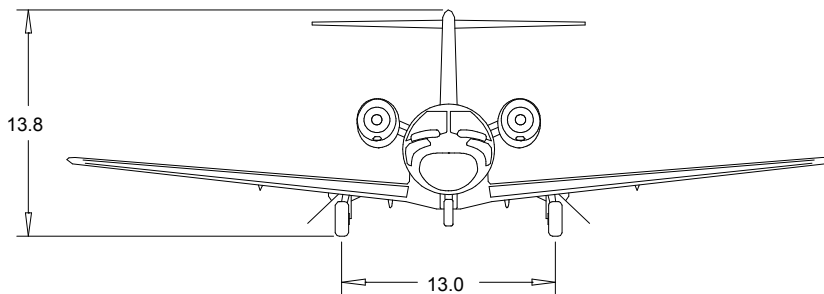
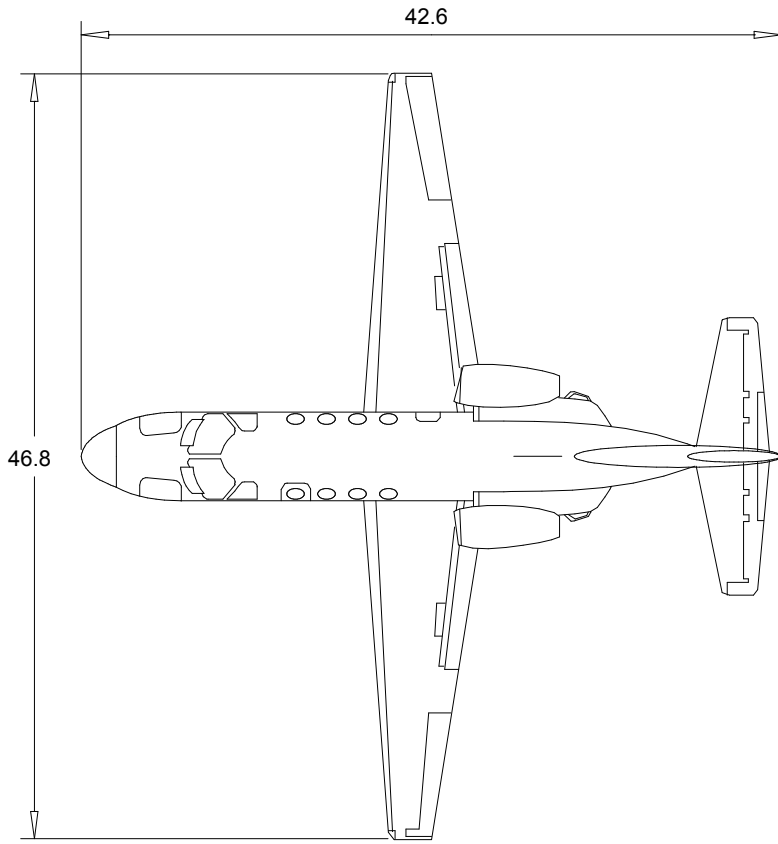
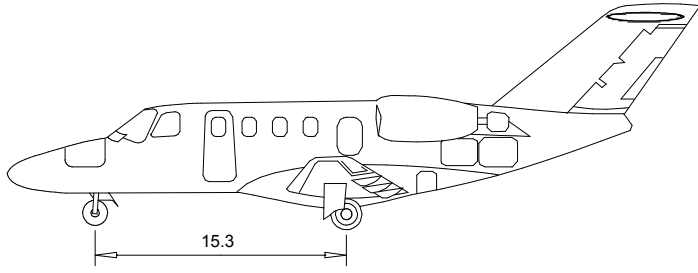
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 - Baggage

All dimensions are measured in Feet unless otherwise specified.

EXTERIOR

Scale = 1:140



All dimensions are measured in Feet unless otherwise specified.

Citation CJ1

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