



## **Cessna Citation X**

The Citation X is Cessna's largest, fastest and longest-range aircraft and is recognized as the fastest business jet in current production. The Citation X has a cabin that is five feet longer with greater head and shoulder room than that of the Citation III.

The Citation X comes with FADEC equipped Rolls-Royce AE 3007C1 engines that produce 6,000 pounds of thrust each. The Citation X also has a new technology wing with a sweep of 37°. It has a Honeywell Primus 2000 EFIS avionics suite with five color LCD displays.

The prototype flew for the first time on December 21 1993. First customer delivery was to golfer Arnold Palmer in 1996.



**ESTIMATED VARIABLE COSTS - Per Hour**

<b>Citation X</b>			
Fuel (1)	\$2,088.26	\$-	\$-
Fuel Additives	-	-	-
Lubricants	-	-	-
Maintenance Labor (2)	148.80	-	-
Parts Airframe/Eng/Avion (3)	101.29	-	-
Engine Restoration (4)	582.55	-	-
Thrust Reverser Allowance	-	-	-
Propeller Allowance	-	-	-
APU Allowance	46.55	-	-
Major Periodic Maintenance	-	-	-
Misc Exp. - Landing/Parking	35.62	-	-
- Crew Expenses	258.33	-	-
- Supplies/Catering	136.29	-	-
- Carbon Offset (5)	-	-	-
- Other	-	-	-
Fractional Cost/Hour + Tax	-	-	-
<b>Total Variable Cost/Hour</b>	<b>\$3,397.69</b>	<b>\$-</b>	<b>\$-</b>
Average Speed-Kts. (6) 600-nm trip	471.00	-	-
<b>Cost per Nautical Mile</b>	<b>\$7.21</b>	<b>\$-</b>	<b>\$-</b>

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

**FOOTNOTES - Size of Operation:** 1 - 2 Aircraft

**Date:** 4/30/2010

**Currency:** \$

**Type of Operation:**

**Corporate**

1. Fuel Cost	5.41	-	-
Gallons/Hour Blk Fuel/Flt Time +15%	386	-	-
2. Maint. Labor Cost per Hour	93	-	-
Maint. Hours/Flight Hours	1.60	-	-
3. Incl. Engine Parts Cost	No		
Engine Model	AE 3007C		
Aircraft Model Year	New		
4. Overhaul Cost Source	JSSI Prem09		
5. CO2 Cost Per Tonne	-	-	-
6. Block Speed Source	AC Manual		



**ANNUAL FIXED COSTS**

<b>Citation X</b>			
Crew salaries - Captain (7)	\$135,000	\$-	\$-
- Co Pilot	83,000	-	-
- Flt Attendant	77,100	-	-
- Flt Eng/Other	-	-	-
- Benefits	88,530	-	-
Hangar - Typical	63,000	-	-
Insurance - Hull (8)	30,380	-	-
Single Limit Liability	17,750	-	-
Recurrent Training	45,000	-	-
Aircraft Modernization (9)	33,333	-	-
Navigation Chart Service	17,290	-	-
Refurbishing (10)	78,120	-	-
Computer Mx. Program (11)	2,700	-	-
Weather Service (12)	700	-	-
Other Fixed Costs	-	-	-
Mgmt Fee/Yr + Tax	-	-	-
<b>Total Fixed Cost/Year</b>	<b>\$671,903</b>	<b>\$-</b>	<b>\$-</b>

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

<b>FOOTNOTES -</b>	<b>Size of Operation:</b> 1 - 2 Aircraft	<b>Date:</b> 4/30/2010	<b>Currency:</b> \$
7. Crew Salary Source	09 NBAA		
Number of Crew	3	-	-
8. Ins Hull Value/Frac Share Cost	21,700,000	-	-
Hull Insurance Rate (%)	0.14	-	-
9. Modernization	10 Yr Avg		
10. Refurbish Labor Hrs/Seat	105	-	-
11. Comp. Mx Program Source	Typical		
12. Weather Service Source	Typical		



**ANNUAL BUDGET**

<b>Citation X</b>			
Utilization - Nt. Miles	175,000	-	-
- Hours	372	-	-
Variable Cost	1,263,942	-	-
Fixed Cost	671,903	-	-
<b>Total Cost (No Depreciation)</b>	<b>\$1,935,845</b>	<b>\$-</b>	<b>\$-</b>
- Per Hour	5,204.00	-	-
- Per Nt. Mile	11.06	-	-
- Per Seat Nt. Mile	1.38	-	-
Total Cost (No Depreciation)	1,935,845	-	-
Book Depreciation (13)	2,170,000	-	-
<b>Total Cost (Book Dep)</b>	<b>\$4,105,845</b>	<b>\$-</b>	<b>\$-</b>
- Per Hour	11,037.00	-	-
- Per Nt. Mile	23.46	-	-
- Per Seat Nt. Mile	2.93	-	-
Total Cost (No Depreciation)	1,935,845	-	-
Market Depreciation (14)	868,000	-	-
<b>Total Cost (Market Dep.)</b>	<b>\$2,803,845</b>	<b>\$-</b>	<b>\$-</b>
- Per Hour	7,537.00	-	-
- Per Nt. Mile	16.02	-	-
- Per Seat Nt. Mile	2.00	-	-

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

**Footnotes - Size of Operation:** 1 - 2 Aircraft

**Date:** 4/30/2010

**Currency:** \$

13. Book Depreciation Rate	10% per yr		
14. Market Depreciation Rate	4.00	-	-



**GENERAL COMPARISON**

**Citation X**

Cabin-Height (Ft.)	5.70	-	-
- Width	5.50	-	-
- Length	23.92	-	-
Cabin volume (Cu. Ft.)	593.00	-	-
Cabin Door Height (Ft.)	4.54	-	-
- Width	2.00	-	-
Baggage -Int. (Cu.Ft.)	-	-	-
- External	82.00	-	-
Typical Crew/Pass Seating	3/8		
Weight-Max Take-off (Lbs.)	36,100	-	-
- Maximum Landing	31,800	-	-
- Basic Operating	22,025	-	-
- Usable Fuel	12,931	-	-
Payload-Full Fuel (Lbs.)	1,444	-	-
- Maximum	2,375	-	-
Certified/IFR Certified	Yes/Yes		
Price - New (Corporate)/1000	21,700	-	-
- Pre Owned Rng/1000	8,000/21,000		
- Years Produced	1996 - to present		

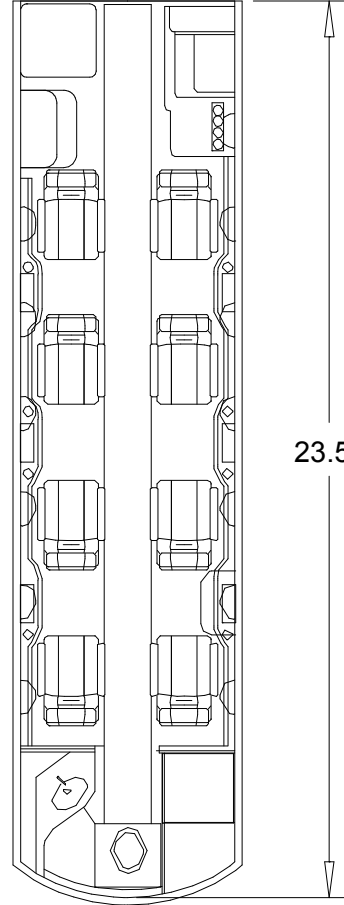
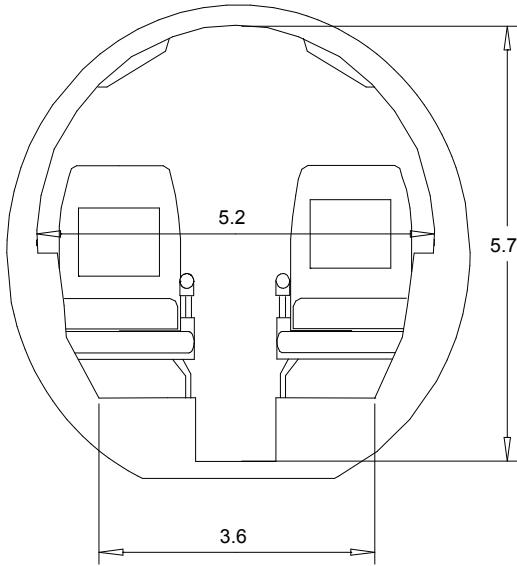
**PERFORMANCE COMPARISON**

**Citation X**

Range-NBAA IFR Res (N.Mi.)			
Seats Full	2,890	-	-
Ferry Range - (Pilot(s) only, no pax)	3,125	-	-
Range-30 Min. Res (N.Mi.)			
Seats Full	-	-	-
Ferry Range - (Pilot(s) only, no pax)	-	-	-
Balanced Field Length (Ft.)	5,480	-	-
Landing Distance - FAR 121	4,694	-	-
Rate Of Climb (Ft/Min)	3,650	-	-
- One Engine Out	1,120	-	-
Cruise Speed-Max (KTAS)	525	-	-
- Normal	525	-	-
- Long Range	470	-	-
Stall Speed (IAS)	-	-	-
Ceiling-Service MTOW (Ft.)	43,000	-	-
- Service OEI	26,000	-	-
- Hover IGE (Helicopter Only)	-	-	-
- Hover OGE (Helicopter Only)	-	-	-

# INTERIOR

Scale = 1:30



Scale = 1:60

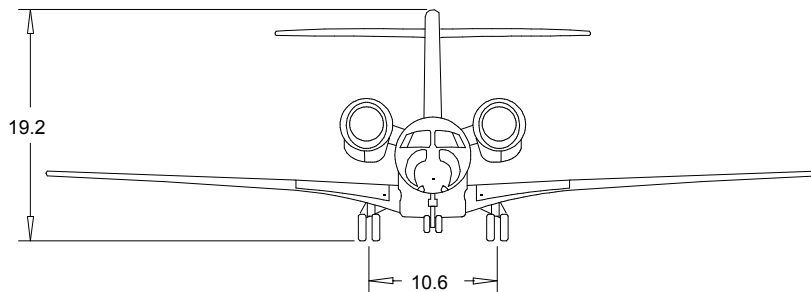
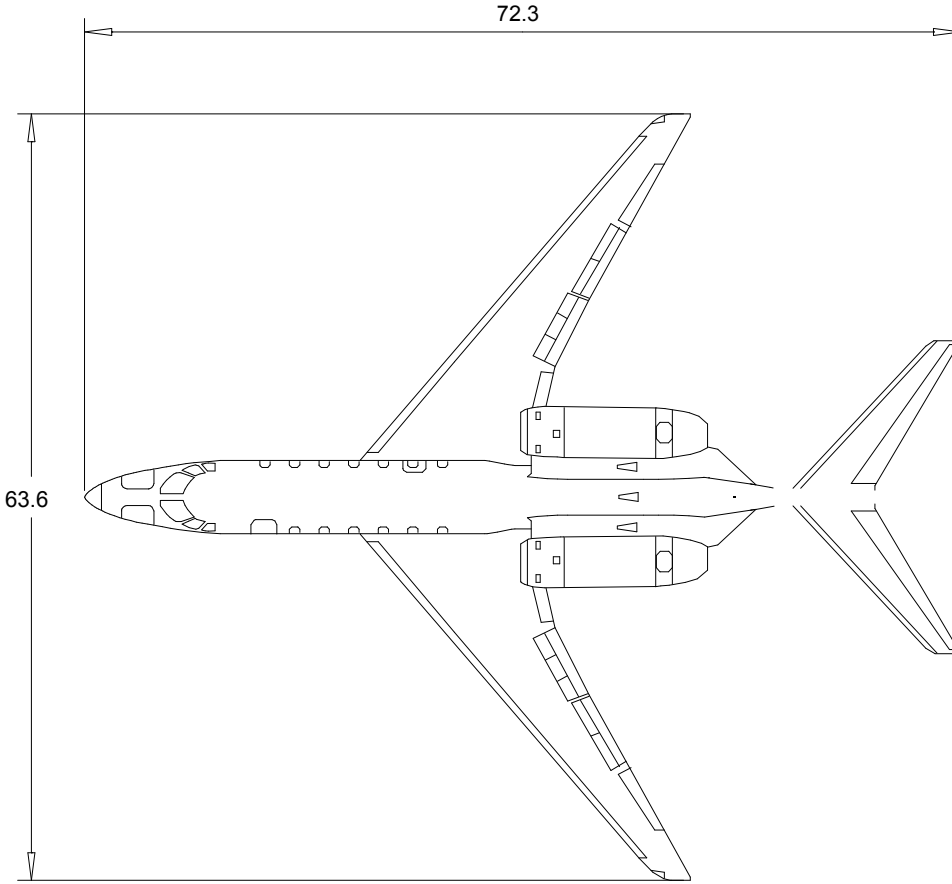
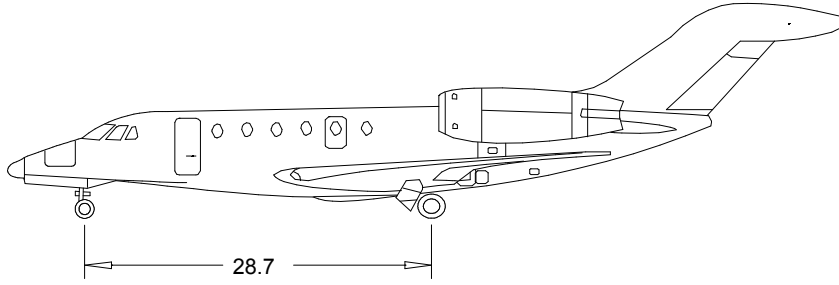
Citation X SNI73 Up

 - Baggage

All dimensions are measured in Feet unless otherwise specified.

# EXTERIOR

Scale = 1:190



All dimensions are measured in Feet unless otherwise specified.