

AIRCRAFT COST CALCULATOR



ANALYZE, COMPARE AND SIMPLIFY

CJ2 & Citation Excel Analysis

Annual & Hourly Cost Detail

Cessna Citation CJ2

Min Crew / Max Passengers	2 / 6
Seats Full Range (NM / SM)	1048.13 / 1206.17
Normal Cruise Speed (KTS / MPH)	402.68 / 463.40
Average Pre-Owned Price	2,695,000.00
Cost Per NM	2.96

PAYMENT SCHEDULE

Interest Rate	0.00%
Payment Period	Monthly
Term of Loan	120.00
Loan	0.00
Monthly Lease	0.00
Payment Per Period	0.00
Period Number	0.00
Principal Amount	0.00
Interest Amount	0.00

ANNUAL FIXED COSTS

Crew Expense	161,070.00
Crew Training	18,720.00
Hangar	31,590.00
Insurance	14,135.00
Aircraft Misc.	10,000.00
Management / Marketing Fee	0.00
Payment / Capital Cost	0.00
Original Aircraft Cost	0.00
Annual Value Depreciation(%)	0.00
Term of Ownership	0.00
Average Depreciation / Year	0.00
Total Fixed Cost W/O Charter	235,515.00

BUDGET BY PERCENTAGES

Fuel Cost (%)	22.79
Airframe Maintenance	10.04
Engine / APU Maintenance (%)	10.95
Crew Misc. (%)	6.50
Crew Expense (%)	34.00
Crew Training (%)	3.95
Hangar (%)	6.67
Insurance (%)	2.98
Aircraft Misc. (%)	2.11
Management / Marketing Fee (%)	0.00
Payment / Capital Cost (%)	0.00
Average Depreciation / Year (%)	0.00
Total Percentages	100.00

GENERAL PARAMETERS

Annual Owner Hours	200
Fuel Cost Per Gallon	4.25

OWNER HOURLY COST ANALYSIS

Fuel Usage (Gallons / Hour)	127.00
Fuel Cost Per Hour	539.75
Fuel Cost Per Gallon	4.25
Airframe Maintenance	237.90
Engine / APU Maintenance	259.35
Total Maintenance	497.25
Crew Misc.	154.00
Total Variable Cost Per Hour	1,191.00
Total Fixed Cost W/O Charter	1,177.58
Total Hourly Cost W/O Charter	2,368.58

ANNUAL BUDGET

Annual Owner Hours	200
Annual Budget	473,715.00

MONTHLY BUDGET

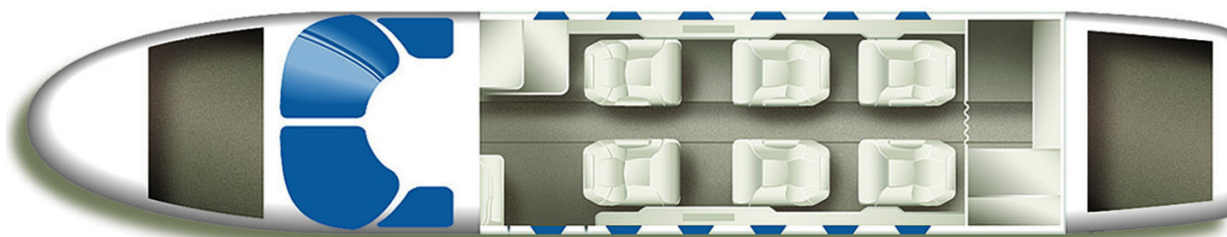
Monthly Hours	17
Monthly Budget	39,476.25

ANNUAL VARIABLE COSTS

Fuel Gallons	25,400.00
Fuel Cost	107,950.00
Maintenance	47,580.00
Engine/APU Maintenance	51,870.00
Crew Misc.	30,800.00
Total Variable Cost	238,200.00

NOTES

*All costs are in USD.

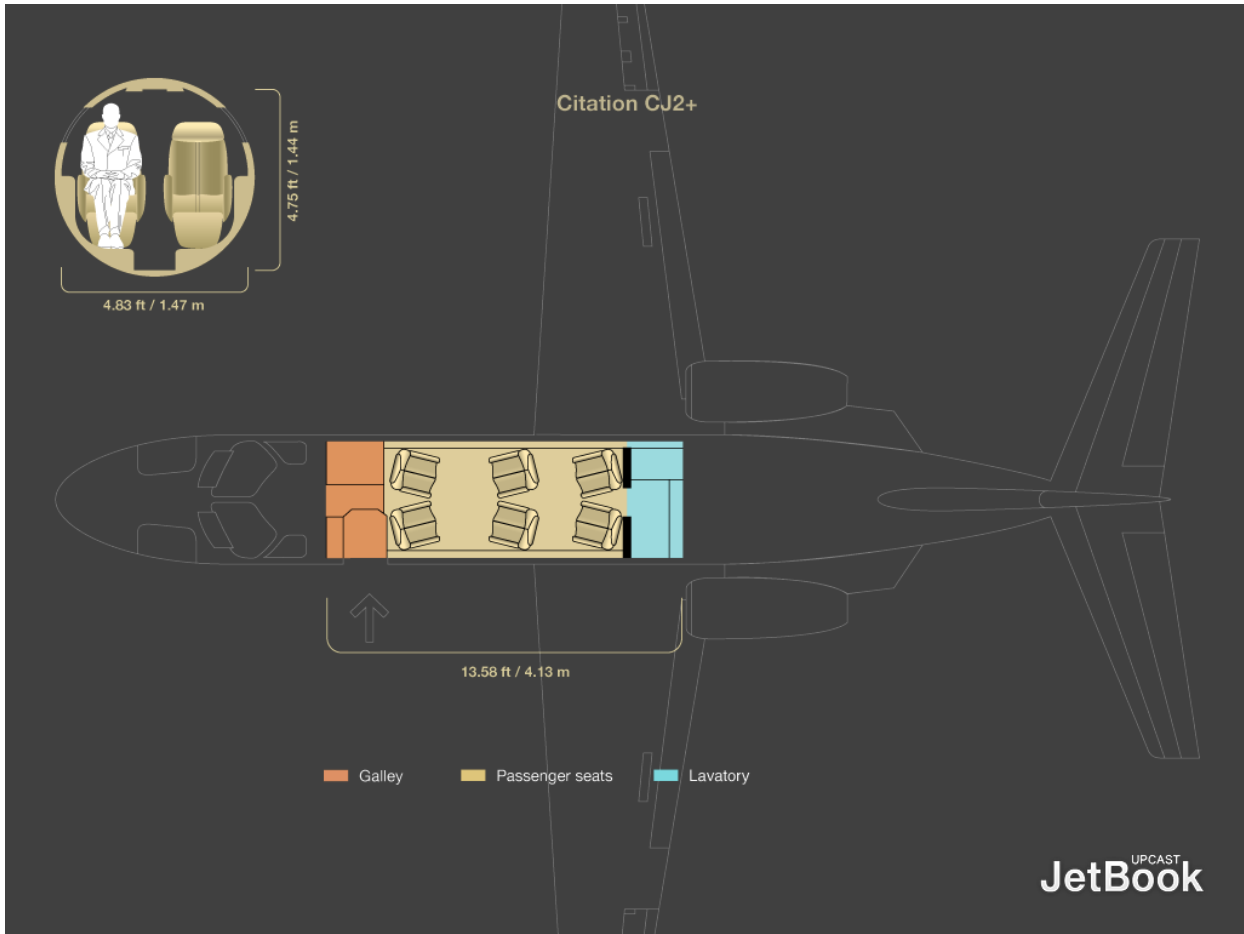


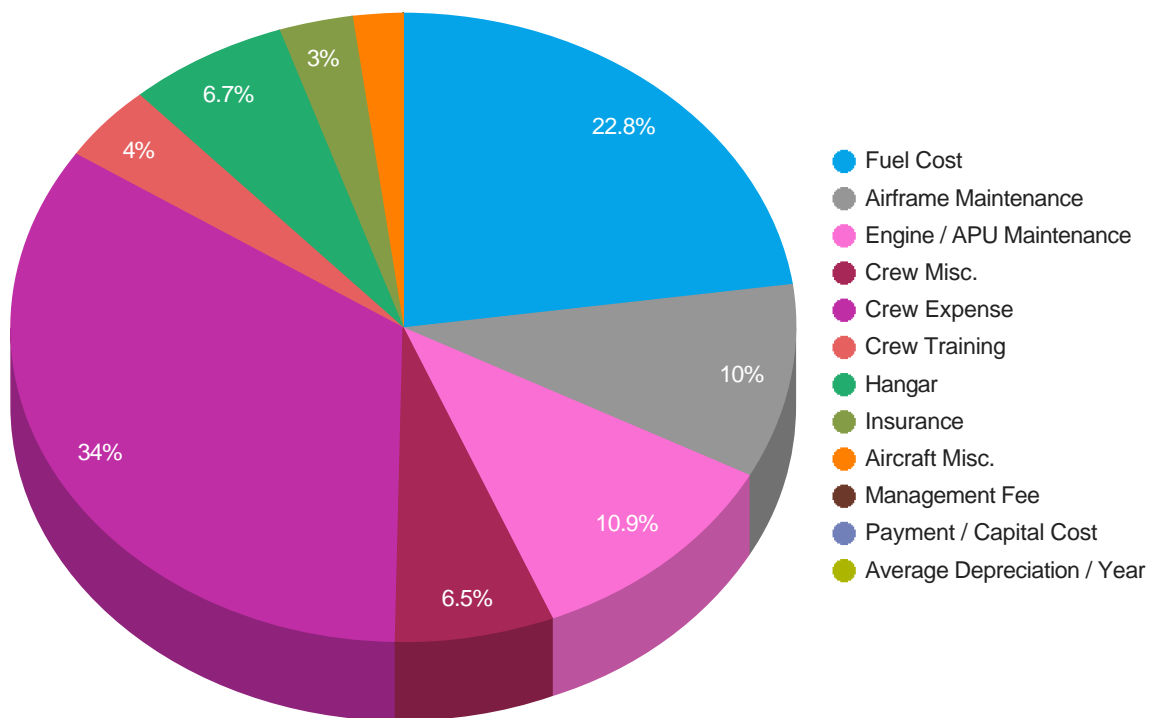
BASIC VARIABLE COST DATA	
Variable Cost Per Hour Components	
Airframe Maintenance Per Hour	237.90
Engine / APU Maintenance Per Hour	259.35
Fuel Cost based on Gallons Per Hour	539.75
Total Variable Cost Per Hour	1,191.00
Cost Per NM	2.96
ADDITIONAL AIRCRAFT INFORMATION	
Minimum Crew / Maximum Passengers	2 / 6
Baggage Capacity External / Internal (Cubic Feet)	70 / 4
Cabin Height (Feet)	4'9"
Cabin Width (Feet)	4'10"
Cabin Length (Feet)	13'7"
Cabin Volume (Cubic Feet)	311.85
Years in Production	2000 - 2006
Active Fleet (approximate)	238.00
Average Pre-Owned Asking Price	2,695,000.00
BASIC AIRCRAFT PERFORMANCE DATA	
Seats Full Range (NM / SM)	1048 / 1206
Ferry Range (No Payload) (NM / SM)	1491 / 1716
Balance Field Length* (Take-off Distance in Feet)	3,725
Landing Distance (Feet)	2,525
Average Block Speed (KTS / MPH)	402 / 463
Normal Cruise (KTS / MPH)	402 / 463
Long Range Cruise Speed (KTS / MPH)	335 / 385
Fuel Usage (Gallons Per Hour)	127.00
Service Ceiling (Feet)	45,000
Useful Payload With Full Fuel (Lbs)	651
Maximum Take Off Weight	12,375
Maximum Landing Weight	11,500
Basic Operating Weight	7,703
Total Usable Fuel Weight	3,834
*Consideration must also be given to, but not limited to: passenger weights, baggage weight, winds, runway length, temperature and airport elevation. Data and dimensions shown may vary slightly and are subject to change.	

*All costs are in USD.

Interior/Exterior Floorplan/Cross Section

Cessna Citation CJ2





Annual & Hourly Cost Detail

Cessna Citation Excel

Min Crew / Max Passengers	2 / 8
Seats Full Range (NM / SM)	1412.78 / 1625.80
Normal Cruise Speed (KTS / MPH)	422.18 / 485.84
Average Pre-Owned Price	3,295,000.00
Cost Per NM	4.62

PAYMENT SCHEDULE

Interest Rate	0.00%
Payment Period	Monthly
Term of Loan	120.00
Loan	0.00
Monthly Lease	0.00
Payment Per Period	0.00
Period Number	0.00
Principal Amount	0.00
Interest Amount	0.00

ANNUAL FIXED COSTS

Crew Expense	195,000.00
Crew Training	27,700.00
Hangar	33,000.00
Insurance	17,500.00
Aircraft Misc.	14,000.00
Management / Marketing Fee	55,000.00
Payment / Capital Cost	0.00
Original Aircraft Cost	0.00
Annual Value Depreciation(%)	0.00
Term of Ownership	0.00
Average Depreciation / Year	0.00
Total Fixed Cost W/O Charter	342,200.00
Net Charter Contribution	300,214.00
Total Fixed Cost With Charter	41,986.00

BUDGET BY PERCENTAGES

Fuel Cost (%)	26.13
Airframe Maintenance	10.82
Engine / APU Maintenance (%)	10.84
Crew Misc. (%)	5.46
Crew Expense (%)	26.64
Crew Training (%)	3.78
Hangar (%)	4.51
Insurance (%)	2.39
Aircraft Misc. (%)	1.91
Management / Marketing Fee (%)	7.51
Payment / Capital Cost (%)	0.00
Average Depreciation / Year (%)	0.00
Total Percentages	100.00

GENERAL PARAMETERS

Annual Owner Hours	200
Annual Charter Hours	200
Fuel Cost Per Gallon	4.25
Lease Back Rate	3,250.00

OWNER HOURLY COST ANALYSIS

Fuel Usage (Gallons / Hour)	225.00
Fuel Cost Per Hour	956.25
Fuel Cost Per Gallon	4.25
Airframe Maintenance	395.95
Engine / APU Maintenance	396.73
Total Maintenance	792.68
Crew Misc.	200.00
Total Variable Cost Per Hour	1,948.93
Total Fixed Cost W/O Charter	1,711.00
Total Fixed Cost With Charter	209.93
Total Hourly Cost W/O Charter	3,659.93
Total Hourly Cost with Charter	2,158.86

ANNUAL BUDGET

Annual Owner Hours	200
Annual Budget	431,772.00

MONTHLY BUDGET

Monthly Hours	17
Monthly Budget	35,981.00

ANNUAL VARIABLE COSTS

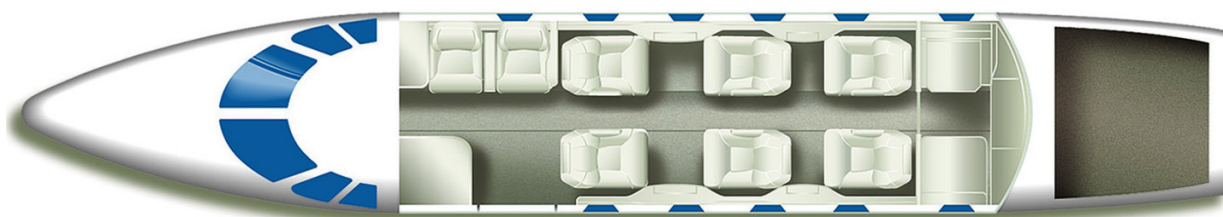
Fuel Gallons	45,000.00
Fuel Cost	191,250.00
Maintenance	79,190.00
Engine/APU Maintenance	79,346.00
Crew Misc.	40,000.00
Total Variable Cost	389,786.00

CHARTER REVENUE AND PROFIT CONTRIBUTION

Charter Revenue	650,000.00
Variable Cost of Charter	349,786.00
Net Profit Contribution	300,214.00

NOTES

*All costs are in USD.

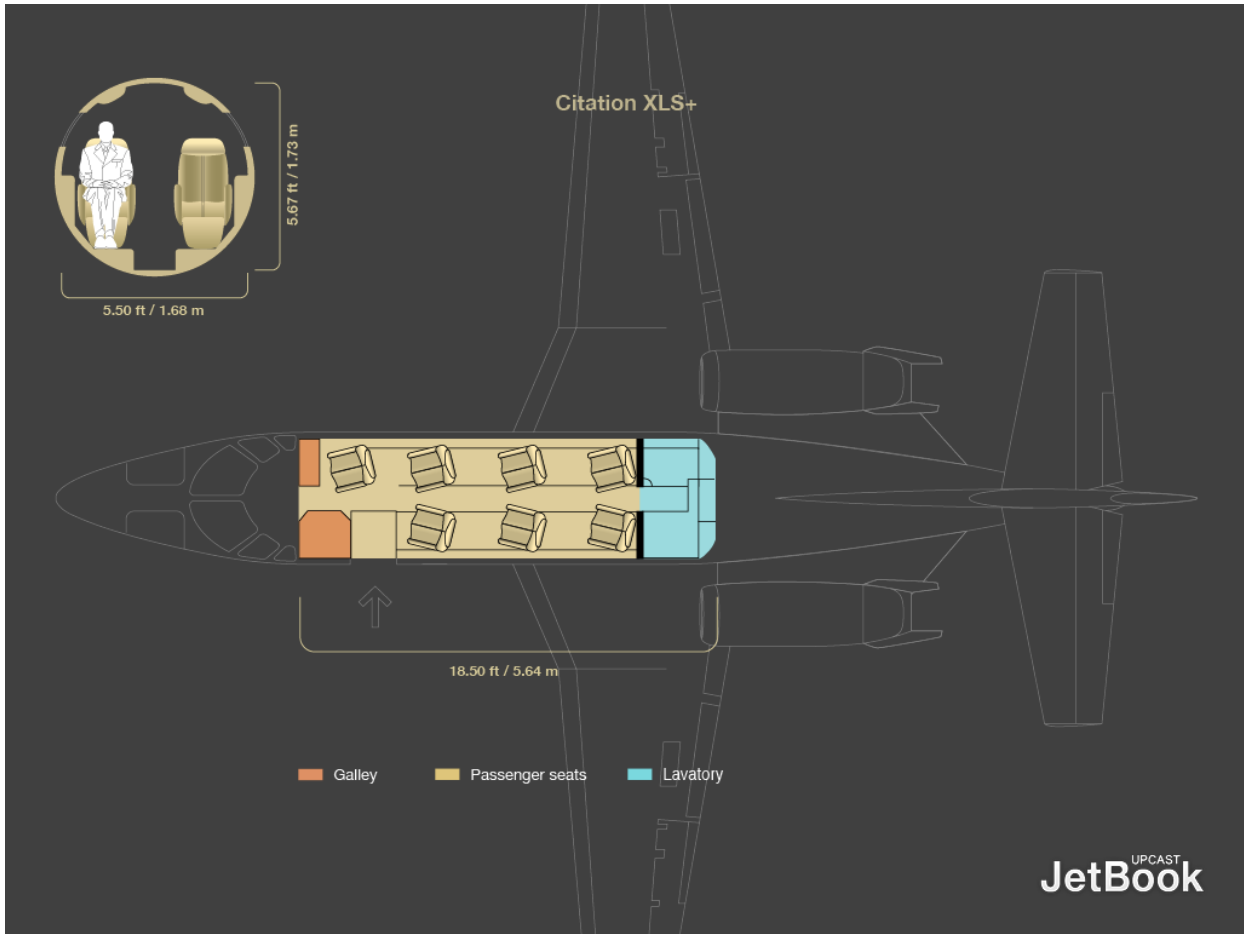


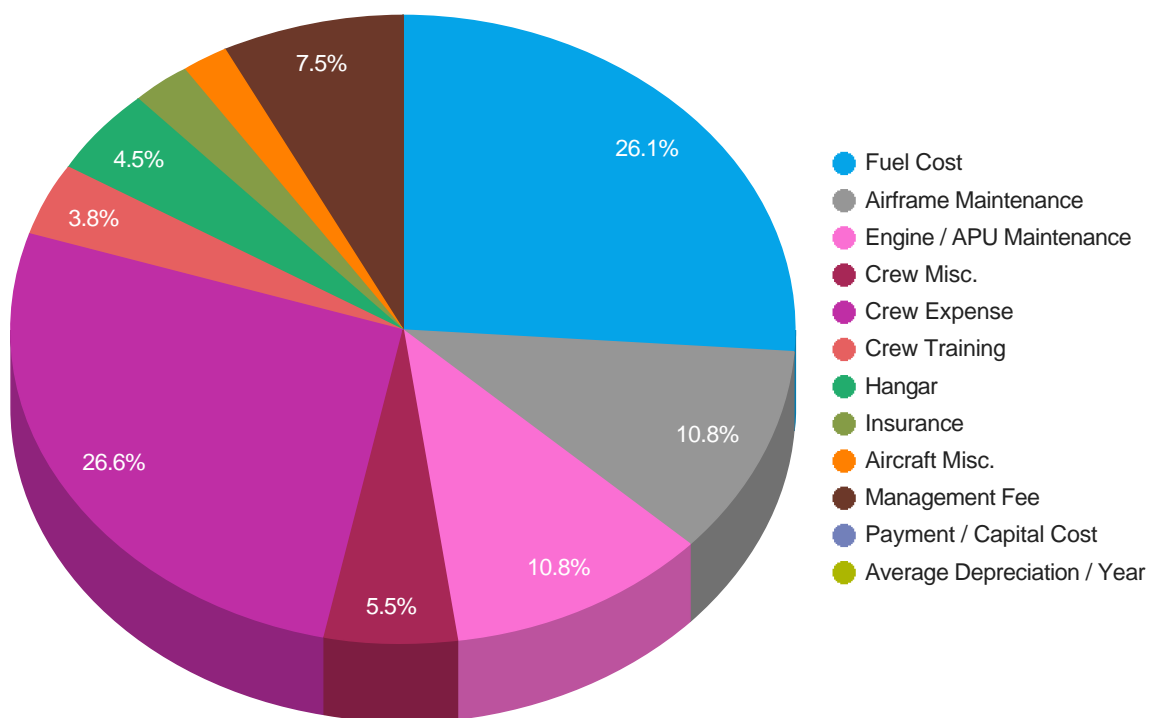
BASIC VARIABLE COST DATA	
Variable Cost Per Hour Components	
Airframe Maintenance Per Hour	395.95
Engine / APU Maintenance Per Hour	396.73
Fuel Cost based on Gallons Per Hour	956.25
Total Variable Cost Per Hour	1,948.93
Cost Per NM	4.62
ADDITIONAL AIRCRAFT INFORMATION	
Minimum Crew / Maximum Passengers	2 / 8
Baggage Capacity External / Internal (Cubic Feet)	80 / 10
Cabin Height (Feet)	5'8"
Cabin Width (Feet)	5'6"
Cabin Length (Feet)	18'6"
Cabin Volume (Cubic Feet)	576.58
Years in Production	1998 - 2004
Active Fleet (approximate)	369.00
Average Pre-Owned Asking Price	3,295,000.00
BASIC AIRCRAFT PERFORMANCE DATA	
Seats Full Range (NM / SM)	1412 / 1625
Ferry Range (No Payload) (NM / SM)	1793 / 2063
Balance Field Length* (Take-off Distance in Feet)	3,959
Landing Distance (Feet)	3,755
Average Block Speed (KTS / MPH)	422 / 485
Normal Cruise (KTS / MPH)	422 / 485
Long Range Cruise Speed (KTS / MPH)	363 / 418
Fuel Usage (Gallons Per Hour)	225.00
Service Ceiling (Feet)	45,000
Useful Payload With Full Fuel (Lbs)	936
Maximum Take Off Weight	20,000
Maximum Landing Weight	18,700
Basic Operating Weight	12,188
Total Usable Fuel Weight	6,572
*Consideration must also be given to, but not limited to: passenger weights, baggage weight, winds, runway length, temperature and airport elevation. Data and dimensions shown may vary slightly and are subject to change.	

*All costs are in USD.

Interior/Exterior Floorplan/Cross Section

Cessna Citation Excel





Annual Operating Cost Summary Comparison

TYPE	Cessna Citation CJ2	Cessna Citation Excel
Owner Hours Per Year	200	200
Charter Hours Per Year	0	200
Total Hours Per Year	200	400
Fuel Cost Per Gallon	4.25	4.25
Total Fuel Gallons	25,400.00	45,000.00
ANNUAL VARIABLE COSTS		
Fuel Cost	107,950.00	191,250.00
Airframe Maintenance	47,580.00	79,190.00
Engine & APU Maintenance	51,870.00	79,346.00
Crew Misc.	30,800.00	40,000.00
Total Variable Cost	238,200.00	389,786.00
ANNUAL FIXED COSTS		
Crew Expense	161,070.00	195,000.00
Crew Training	18,720.00	27,700.00
Hangar	31,590.00	33,000.00
Insurance	14,135.00	17,500.00
Aircraft Misc.	10,000.00	14,000.00
Management /Marketing Fee	0.00	55,000.00
Payment / Capital Cost	0.00	0.00
Average Market Depreciaton / Year	0.00	0.00
Total Cost W/O Charter	235,515.00	342,200.00
CHARTER CONTRIBUTION		
Charter Revenue	0.00	650,000.00
Variable Cost of Charter	0.00	349,786.00
Net Profit Contribution	0.00	300,214.00
Total Fixed Cost With Charter	235,515.00	41,986.00
ANNUAL BUDGET		
Annual Hours	200	200
Annual Budget W/O Charter	473,715.00	731,986.00
Annual Budget With Charter	473,715.00	431,772.00
MONTHLY BUDGET		
Monthly Budget W/O Charter	39,476.25	60,998.83
Monthly Budget With Charter	39,476.25	35,981.00
HOURLY COSTS		
Owner Hourly Rate W/O Charter	2,368.58	3,659.93
Owner Hourly Rate With Charter	2,368.58	2,158.86

*All costs are in USD.

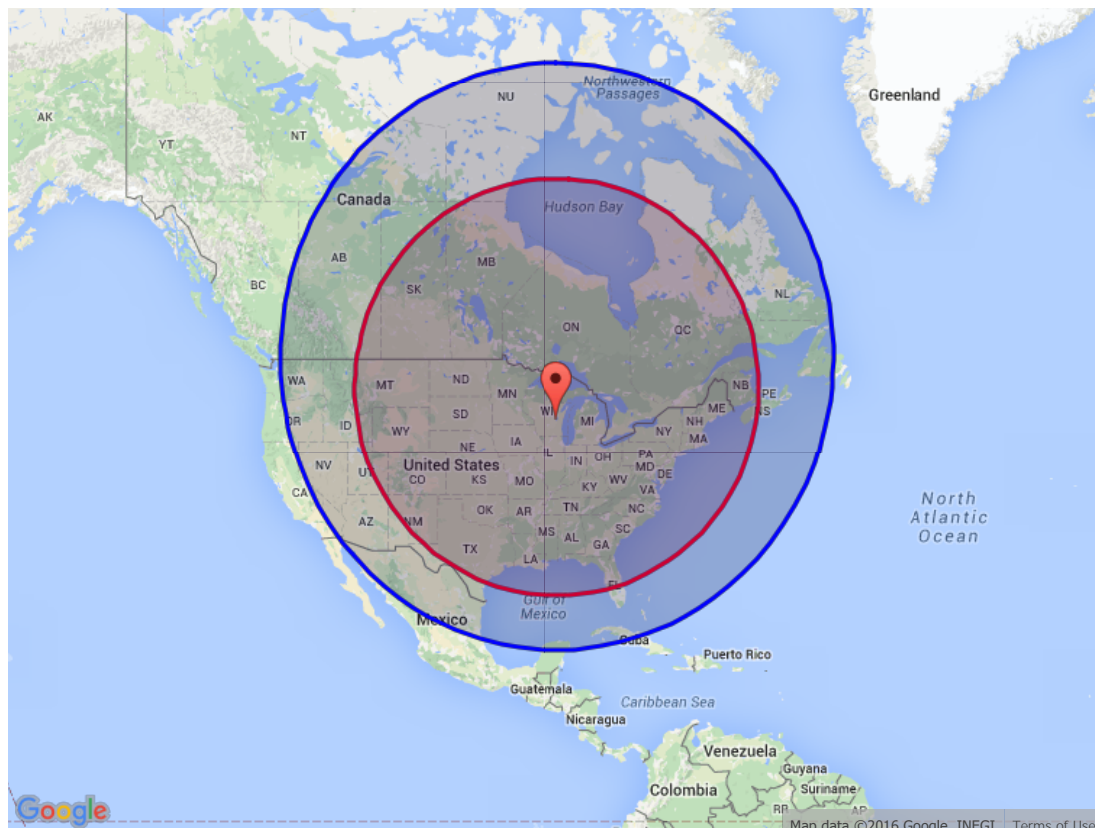
Aircraft Specifications Comparison Report

TYPE	Cessna Citation CJ2	Cessna Citation Excel
BASIC VARIABLE COST DATA		
Variable Cost Per Hour Components		
Airframe Maintenance Per Hour	237.90	395.95
Engine / APU Maintenance Per Hour	259.35	396.73
Fuel Cost based on Gallons Per Hour	539.75	956.25
Total Variable Cost Per Hour	1,191.00	1,948.93
Cost per NM	2.96	4.62
ADDITIONAL AIRCRAFT INFORMATION		
Minimum Crew / Maximum Passengers	2 / 6	2 / 8
Baggage Capacity External / Internal (Cubic Feet)	70 / 4	80 / 10
Cabin Height (Feet)	4'9"	5'8"
Cabin Width (Feet)	4'10"	5'6"
Cabin Length (Feet)	13'7"	18'6"
Cabin Volume (Cubic Feet)	311.85	576.58
Years in Production	2000 - 2006	1998 - 2004
Active Fleet (approximate)	238.00	369.00
Average Pre-Owned Asking Price	2,695,000.00	3,295,000.00
BASIC AIRCRAFT PERFORMANCE DATA		
Seats Full Range (NM / SM)	1048 / 1206	1413 / 1626
Ferry Range (No Payload) (NM / SM)	1491 / 1716	1793 / 2063
Balance Field Length* (Take-off Distance in Feet)	3724.50	3958.50
Landing Distance (Feet)	2,525	3,755
Average Block Speed (KTS / MPH)	402 / 463	422 / 485
Normal Cruise Speed (KTS / MPH)	403 / 463	422 / 486
Long Range Cruise Speed (KTS / MPH)	335 / 385	363 / 418
Fuel Usage (GPH)	127.00	225.00
Service Ceiling (Feet)	45000.00	45000.00
Useful Payload With Full Fuel (Lbs)	651	936
Maximum Take Off Weight	12,375	20,000
Maximum Landing Weight	11,500	18,700
Basic Operating Weight	7,703	12,188
Total Usable Fuel Weight	3,834	6,572
<p>*Consideration must also be given to, but not limited to: passenger weights, baggage weight, winds, runway length, temperature and airport elevation. Data and dimensions shown may vary slightly and are subject to change.</p>		

*All costs are in USD.

Range Map Report

Model	Category	Radius
 Cessna Citation CJ2	Light Jets	1048.13 Nm / 1206.17 Sm
 Cessna Citation Excel	Mid Jets	1412.78 Nm / 1625.80 Sm



Note:

For Jets & Turboprops "Seats Full Range" represents the maximum IFR range of the aircraft at Long Range Cruise with all passenger seats occupied. ACC assumes NBAA IFR alternate fuel reserve calculation for a 200 nautical mile alternate. Does not include winds aloft or any other weather related obstacles.

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