

AIRCRAFT COST CALCULATOR



ANALYZE, COMPARE AND SIMPLIFY

Honda Jet Operating Costs

August 2014

Annual & Hourly Cost Detail

HondaJet HA-420

Min Crew / Max Passengers	1 / 5
Seats Full Range (NM / SM)	1009.13 / 1161.29
Normal Cruise Speed (KTS / MPH)	420.00 / 483.33
Average Pre-Owned Price	4,500,000.00

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	87,750.00
Crew Training	13,845.00
Hangar	22,035.00
Insurance	18,766.80
Aircraft Misc.	10,000.00
Management / Marketing Fee	0.00
Payment / Capital Cost	0.00
Original Aircraft Cost	4,500,000.00
Annual Value Depreciation(%)	0.00
Term of Ownership	0.00
Average Depreciation / Year	0.00
Total Fixed Cost W/O Charter	152,396.80

BUDGET BY PERCENTAGES

Fuel Cost (%)	43.38
Airframe Maintenance	6.43
Engine / APU Maintenance (%)	13.14
Crew Misc. (%)	10.66
Crew Expense (%)	15.19
Crew Training (%)	2.40
Hangar (%)	3.81
Insurance (%)	3.25
Aircraft Misc. (%)	1.73
Management / Marketing Fee (%)	0.00
Payment / Capital Cost (%)	0.00
Average Depreciation / Year (%)	0.00
Total Percentages	100.00

GENERAL PARAMETERS

Annual Owner Hours	400
Fuel Cost Per Gallon	5.80

OWNER HOURLY COST ANALYSIS

Fuel Usage (Gallons / Hour)	108.00
Fuel Cost Per Hour	626.40
Fuel Cost Per Gallon	5.80
Airframe Maintenance	92.87
Engine / APU Maintenance	189.81
Total Maintenance	282.68
Crew Misc.	154.00
Total Variable Cost Per Hour	1,063.08
Total Fixed Cost W/O Charter	380.99
Total Hourly Cost W/O Charter	1,444.07

ANNUAL BUDGET

Annual Owner Hours	400
Annual Budget	577,628.80

MONTHLY BUDGET

Monthly Hours	33
Monthly Budget	48,135.73

ANNUAL VARIABLE COSTS

Fuel Gallons	43,200.00
Fuel Cost	250,560.00
Maintenance	37,148.00
Engine/APU Maintenance	75,924.00
Crew Misc.	61,600.00
Total Variable Cost	425,232.00

NOTES

*All costs are in USD.

Annual Operational Summary

HondaJet HA-420

TRIP COST CALCULATOR

Trip Distance (SM)	0.00
Block Speed (Mph)	471.24
Trip Time (Hours)	0
Variable Cost / Hour	0.00
Total Trip Cost	0.00
Total Hours Saved	0.00
Commercial Air & Overnight Costs	0.00
Value / Hour / Executive	0.00
Number of Executives	0.00
All- In Savings	0.00
Private Aircraft Expense	0.00
Total Costs Savings	0.00
Cost Savings Per Hour	0.00

ANNUAL OPERATIONAL COST SUMMARY

Fixed Cost	152,396.80
Variable Cost	425,232.00
Net Annual Cost	577,628.80
Owner Hours Flown	400.00
Owner Cost / Hour W/O Charter	1,444.07

MONTHLY BUDGET

Revenue / Hour	0.00
Variable Cost / Hour	1,063.08
Gross Profit / Charter Hour	0.00

DEPRECIATION CALCULATOR

Full Price of Aircraft	4,500,000.00							
Year	1	2	3	4	5	6	7	8
Rate (%)	14.29	24.49	17.49	12.49	8.93	8.92	8.93	4.46
Depreciation	643,050.00	1,102,050.00	787,050.00	562,050.00	401,850.00	401,400.00	401,850.00	200,700.00
Depreciation Value	3,856,950.00	2,754,900.00	1,967,850.00	1,405,800.00	1,003,950.00	602,550.00	200,700.00	0.00
Cumulative Depreciation	643,050.00	1,745,100.00	2,532,150.00	3,094,200.00	3,496,050.00	3,897,450.00	4,299,300.00	4,500,000.00
Adjusted Cost / Hour	643.05	1,102.05	787.05	562.05	401.85	401.40	401.85	200.70

The schedule above reflects commonly used aircraft tax depreciation rates. These may or may not be applicable to your individual situation. The adjusted cost per hour is based on a 40% tax rate. However, we would advise you to consult with a tax professional familiar with aircraft depreciation guidelines and how they relate to your own business circumstances.

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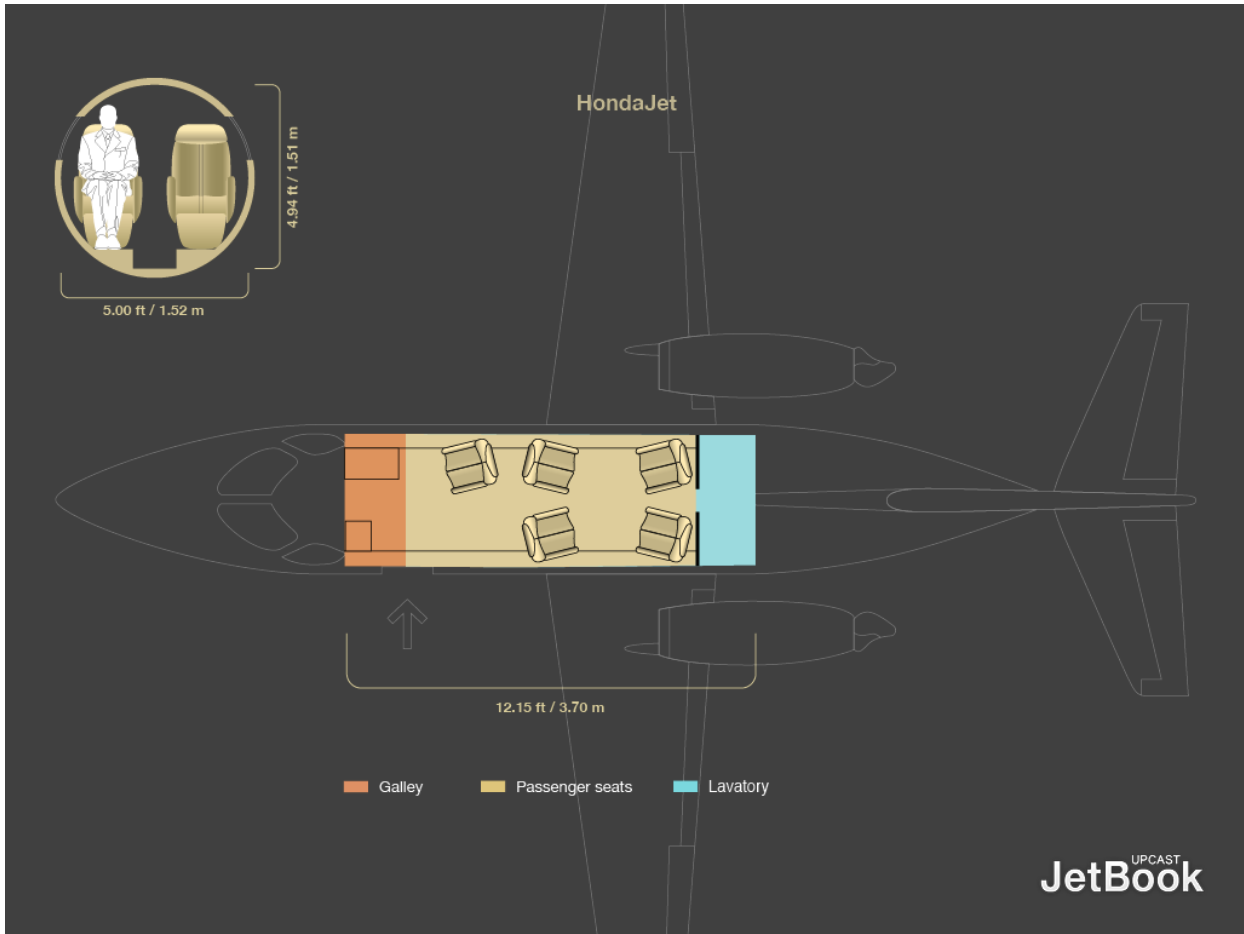


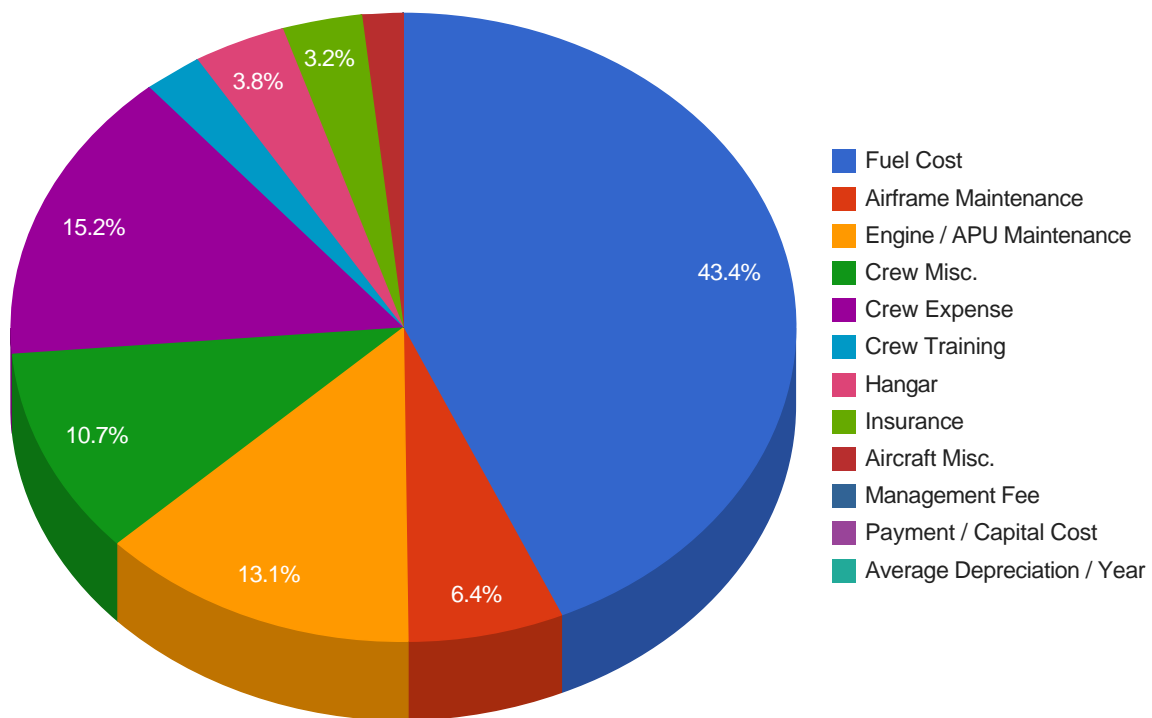
BASIC VARIABLE COST DATA	
Variable Cost Per Hour Components	
Airframe Maintenance Per Hour	92.87
Engine / APU Maintenance Per Hour	189.81
Fuel Cost based on Gallons Per Hour	626.40
Total Variable Cost Per Hour	1,063.08
ADDITIONAL AIRCRAFT INFORMATION	
Minimum Crew / Maximum Passengers	1 / 5
Baggage Capacity External / Internal (Cubic Feet)	66 / 0
Cabin Height (Feet)	4'10"
Cabin Width (Feet)	5'0"
Cabin Length (Feet)	17'10"
Cabin Volume (Cubic Feet)	430.97
Years in Production	2012 - to present
Active Fleet (approximate)	2.00
Average Pre-Owned Asking Price	4,500,000.00
BASIC AIRCRAFT PERFORMANCE DATA	
Seats Full Range (NM / SM)	1009 / 1161
Ferry Range (No Payload) (NM / SM)	1301 / 1497
Balance Field Length* (Take-off Distance in Feet)	3120.00
Landing Distance (Feet)	2,500
Average Block Speed (KTS / MPH)	409 / 471
Normal Cruise Speed (KTS / MPH)	420 / 483
Long Range Cruise Speed (KTS / MPH)	378 / 434
Fuel Usage (Gallons Per Hour)	108.00
Service Ceiling (Feet)	43000.00
Useful Payload With Full Fuel (Lbs)	0
Maximum Take Off Weight	9,963
Maximum Landing Weight	0
Basic Operating Weight	0
Total Usable Fuel Weight	0
<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>	

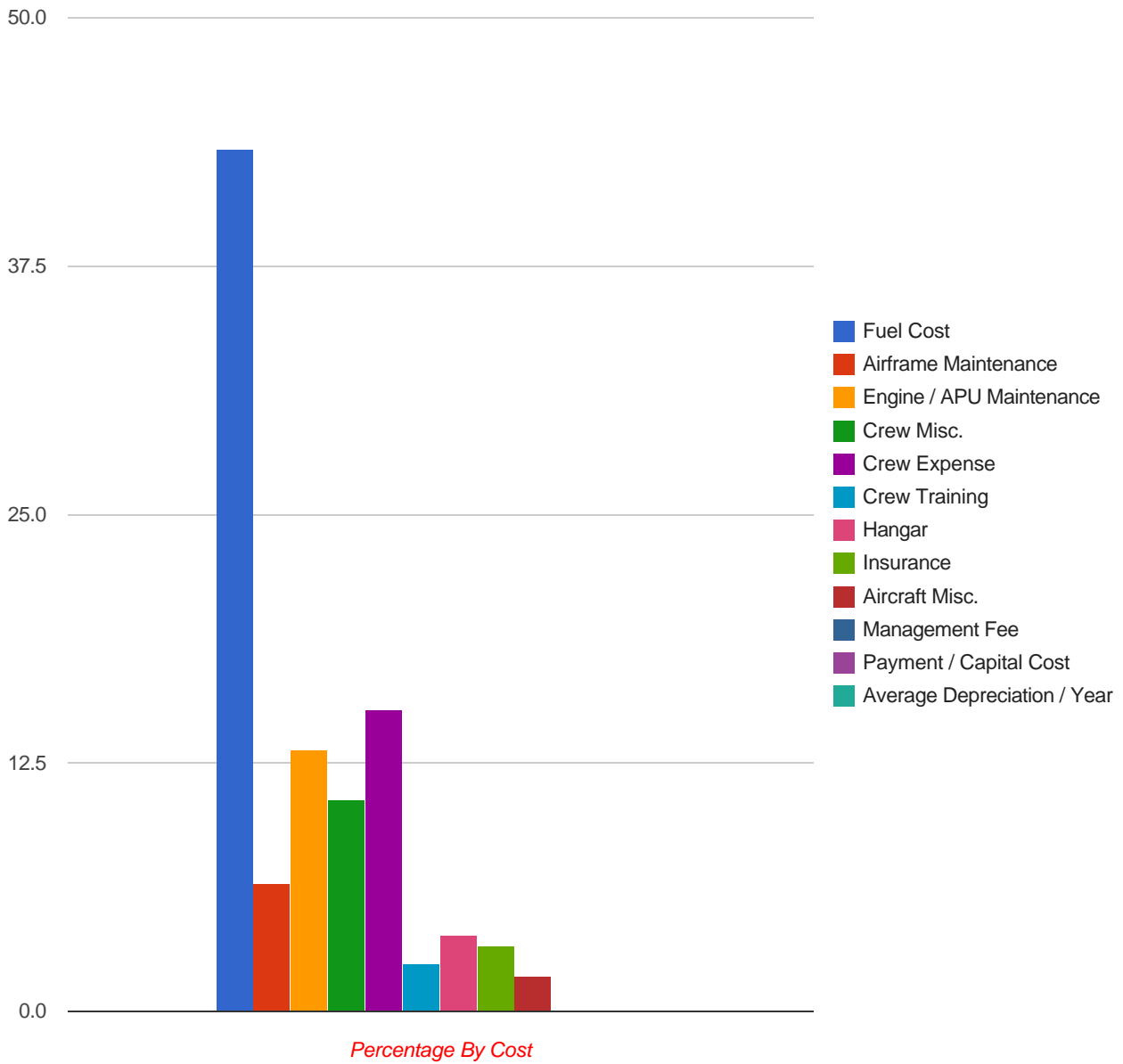
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Interior/Exterior Floorplan/Cross Section

HondaJet HA-420







Single Aircraft Report

BASIC VARIABLE COST DATA	
Aircraft Type	HondaJet HA-420
Annual Owner Hours	400
Annual Total Hours	400.00
Fuel Cost Per Gallon	5.80
Fuel Gallons	43,200.00
ANNUAL VARIABLE COSTS	
Fuel Cost	250,560.00
Airframe Maintenance	37,148.00
Engine / APU Maintenance	75,924.00
Crew Miscellaneous	61,600.00
Total Variable Cost	425,232.00
ANNUAL FIXED COSTS	
Crew Expense	87,750.00
Crew Training	13,845.00
Hangar	22,035.00
Insurance	18,766.80
Aircraft Miscellaneous	10,000.00
Management	0.00
Payment / Capital Cost	0.00
Average Market Depreciation	0.00
Total Fixed Cost W/O Charter	152,396.80
TOTAL COST BUDGET	
Owner Hours	400
Annual Budget	577,628.80
Monthly Hours	33
Monthly Budget	48,135.73
Hourly Cost W/O Charter	1,444.07

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Annual Operating Cost Summary Comparison

TYPE	HondaJet HA-420
Owner Hours Per Year	400
Total Hours Per Year	400
Fuel Cost Per Gallon	5.80
Total Fuel Gallons	43,200.00
ANNUAL VARIABLE COSTS	
Fuel Cost	250,560.00
Airframe Maintenance	37,148.00
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Crew Training	13,845.00
Hangar	22,035.00
Insurance	18,766.80
Aircraft Misc.	10,000.00
Management /Marketing Fee	0.00
Payment / Capital Cost	0.00
Average Market Depreciaton / Year	0.00
Total Cost W/O Charter	152,396.80
ANNUAL BUDGET	
Annual Hours	400
Annual Budget W/O Charter	577,628.80
MONTHLY BUDGET	
Monthly Budget W/O Charter	48,135.73
HOURLY COSTS	
Owner Hourly Rate W/O Charter	1,444.07

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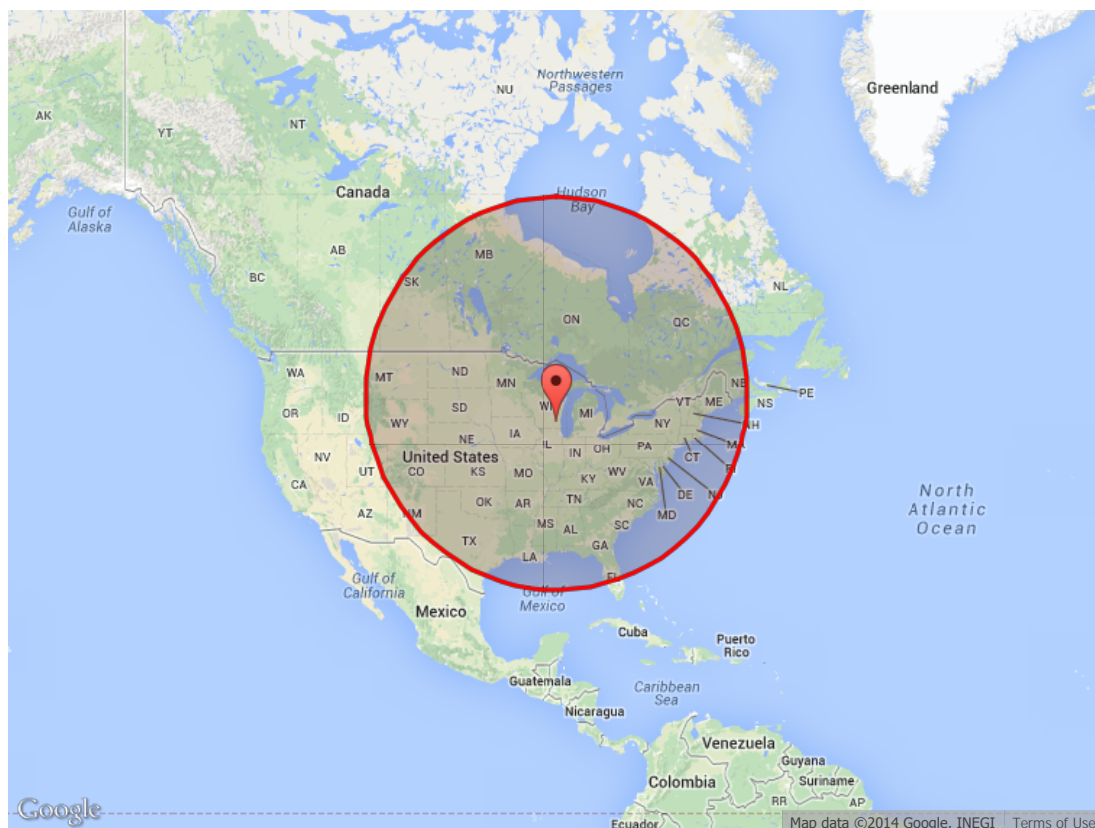
Aircraft Specifications Comparison Report

TYPE	HondaJet HA-420
BASIC VARIABLE COST DATA	
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Long Range Cruise Speed (KTS / MPH)	378 / 434
Fuel Usage (GPH)	108.00
Service Ceiling (Feet)	43000.00
Useful Payload With Full Fuel (Lbs)	0
Maximum Take Off Weight	9,963
Maximum Landing Weight	0
Basic Operating Weight	0
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Range Map Report

Model	Category	Radius
 HondaJet HA-420	Light Jets	1009.13 Nm / 1161.29 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.