



## **Hawker 800XP Versus Falcon 2000 SAMPLE**

This report is a sample report which assumes the following:

1. Cash buyer - no financing
2. Owner flown hours 150/year
3. Charter flown hours 200/year
4. Fuel is priced using \$4.50/gallon

\*Performance & other data figures are the sole property of Aircraft Cost Calculator, LLC and shall not be disclosed to any further party unless you have the

# Aircraft Specifications

## Dassault Falcon 2000

### GENERAL PARAMETERS

Typical Passenger Capacity	2 / 8
Seats Full Range (Nm / Sm)	2975 / 3421
Normal Cruise Speed (Kts / Mph)	459 / 528
Avg. Pre-Owned Price	9000000

Annual Owner Hours	150
Annual Charter Hours	200
Fuel Cost per Gallon	4.50
Hourly Charter Revenue	2,000.00

### PAYMENT SCHEDULE

Interest Rate (0%)	0.00
Payment Period	Quarterly
Term of Loan (Months)	120
Loan	0.00
Monthly Lease	0.00
Payment Per Period	0.00
Period Number	0
Principal Amount	0.00
Interest Amount	0.00

### OWNER HOURLY COST ANALYSIS

Fuel Usage (Gallons / Hr )	287
Fuel Cost Per Hour	1,291.50
Fuel Cost Per Gallon	4.50
Airframe Maintenance	305.00
Engine / APU Maintenance	418.00
Total Maintenance	723.00
Crew Misc. / Part 91	300.00
Total Variable Cost Per Hour	2,314.50
Total Fixed Cost w/o Charter	2,905.73
Total Fixed Cost with Charter	2,159.73
Total Hourly Cost w/o Charter	5,220.23
Total Hourly Cost with Charter	4,474.23

### ANNUAL FIXED COSTS

Crew Expense	225,000.00
Crew Training	67,360.00
Hangar	80,000.00
Insurance	35,000.00
Aircraft Misc.	28,500.00
Mgmt. / Mktg. Fee	0.00
Payment / Capital Cost	0.00
Original Aircraft Cost	0.00
Annual Value Depreciation (%)	0
Term of Ownership	0
Avg. Depreciation / Year	0.00
Total Fixed Cost w/o Charter	435,860.00
Net Charter Contribution	111,900.00
Total Fixed Cost with Charter	323,960.00

### ANNUAL BUDGET

Annual Owner Hours	150
Annual Budget	783,035.00

### MONTHLY BUDGET

Monthly Hours	13
Monthly Budget	65,252.92

## Aircraft Specifications

### BUDGET BY PERCENTAGES

Fuel Cost (%)	24.74
Airframe Maintenance	5.84
Engine / APU Maintenance (%)	8.01
Crew Misc. / Part 91 (%)	5.75
Crew Expense (%)	28.73
Crew Training (%)	8.60
Hanger (%)	10.22
Insurance (%)	4.47
Aircraft Misc. (%)	3.64
Mgmt. / Mkting. Fee (%)	0.00
Payment / Capital Cost (%)	0.00
Avg. Depreciation / Year (%)	0.00
Total Percentages	100

### ANNUAL VARIABLE COSTS

Fuel Gallons / Part 91	43,050.00
Fuel Cost / Part 91	193,725.00
Maintenance	45,750.00
Engine / APU Maintenance / Part 91	62,700.00
Crew Misc. / Part 91	45,000.00
Total Variable Cost	347,175.00

### CHARTER REVENUE AND PROFIT CONTRIBUTION

Charter Revenue	400,000.00
Variable Cost of Charter	288,100.00
Net Profit Contribution	111,900

### NOTES

\* All Costs in USD (United States Dollars)

## Other Cost Info Details

### Dassault Falcon 2000

#### TRIP COST CALCULATOR

Trip Distance (Sm)	0
Block Speed (Mph)	488
Trip Time (hrs)	0.00
Variable Cost / Hr	2,314.50
Total Trip Cost	0.00
Total Hours Saved	0
Commercial Air & Overnight Costs	0.00
Value / Hr / Executive	0.00
Number of Executives	0
All- In Trip 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	435,860.00
Variable Cost	347,175.00
Net Charter Profit	111,900.00
Net Annual Cost	894,935.00
Owner Hours Flown	150
Owner Cost / Hr w/o Charter	5,220.23
Charter Hours	200
Owner Cost / Hr with Charter	5,966.23

#### HOURLY CHARTER COST ANALYSIS

Revenue / Hr	2,000.00
Variable Cost / Hr	2,314.50
Gross Profit / Charter Hr	559.50

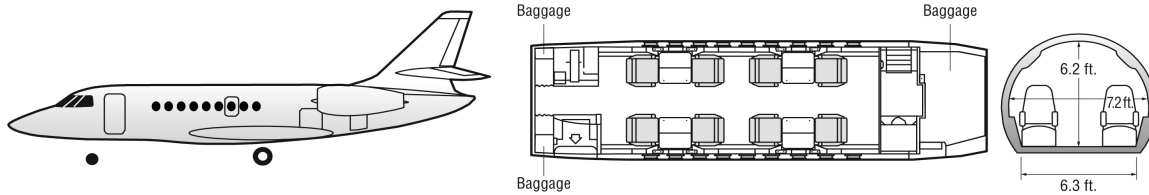
#### DEPRECIATION CALCULATOR

Full Price of Aircraft	0.00							
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Depreciation Value	0	0	0	0	0	0	0	0
Cumulative Depn.	0	0	0	0	0	0	0	0
Adjusted Cost / Hr	0	0	0	0	0	0	0	0

**\* All Costs in USD (United States Dollars)**

# Dassault Falcon 2000

Large Jet



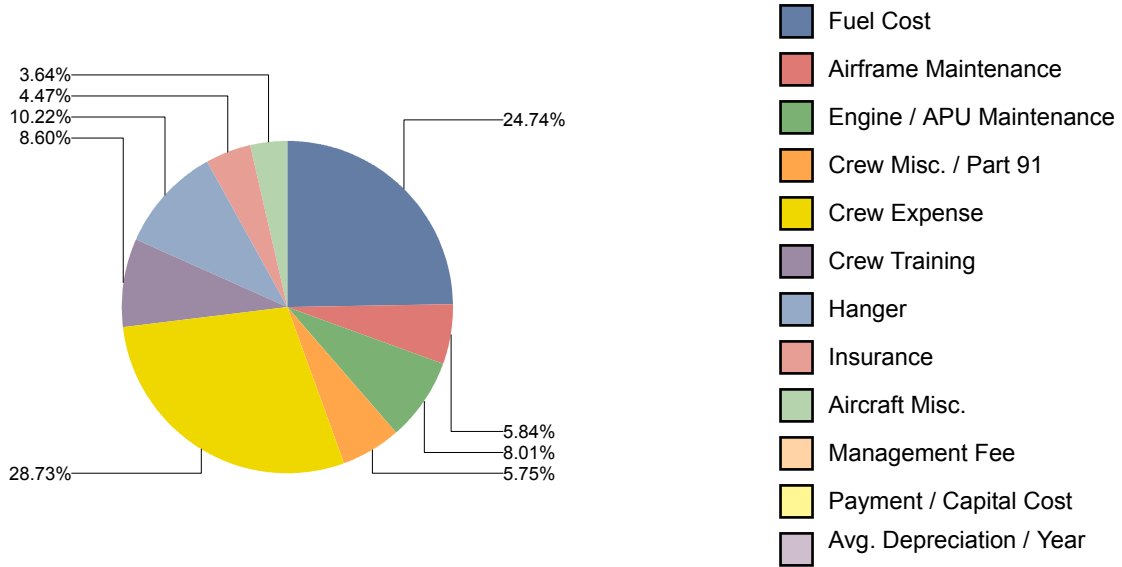
<b>BASIC VARIABLE COST DATA</b>	
<b>Variable Cost per Hour Components</b>	
Airframe Maintenance	305.00
Engine / APU Maintenance	418.00
Fuel Cost @ \$3.80 per gallon based on 290 Gph	1,291.50
<b>Total Variable Cost per Hour</b>	<b>2,014.50</b>
Average Block Speed (Kts / Mph)	424 / 488
Variable Cost per Nm / Sm	Not Available
<b>ADDITIONAL AIRCRAFT INFORMATION</b>	
Typical Passenger Capacity	2 / 8
Baggage Capacity External / Internal (Cubic Ft)	134 / 0
Years in Production	1995 - 2007
Number of Aircraft Produced (approximate)	231
Average Pre-Owned Asking Prices	9,000,000
<b>BASIC AIRCRAFT PERFORMANCE DATA</b>	
Seats Full Range (Nm / Sm)	2975 / 3421
Ferry Range (No Payload) (Nm / Sm)	3130 / 3600
Balance Field Length* (Take-off Distance in Feet)	5,440
Landing Distance (Ft.)	4,300
Normal Cruise Speed (Kts / Mph)	459 / 528
Long Range Cruise Speed (Kts / Mph)	430 / 494
Fuel Usage (Gph)	287
Service Ceiling (Ft.)	44,500
*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 in USD

**FAIRWAY AVIATION GROUP, LLC**  
 900 CHEYENNE AVENUE SUITE #100 - GRAFTON, WI 53024 - USA  
 PHONE: 414-747-1290

# Annual Operating Cost Percentages

## Dassault Falcon 2000



**FAIRWAY AVIATION GROUP, LLC**  
900 CHEYENNE AVENUE SUITE #100 - GRAFTON, WI 53024 - USA  
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# Aircraft Specifications

## Hawker Beechcraft Hawker 850 XP

### GENERAL PARAMETERS

Typical Passenger Capacity	2 / 8
Seats Full Range (Nm / Sm)	2525 / 2904
Normal Cruise Speed (Kts / Mph)	430 / 495
Avg. Pre-Owned Price	11164300

Annual Owner Hours	150
Annual Charter Hours	200
Fuel Cost per Gallon	4.50
Hourly Charter Revenue	1,600.00

### PAYMENT SCHEDULE

Interest Rate (0%)	0.00
Payment Period	Quarterly
Term of Loan (Months)	120
Loan	0.00
Monthly Lease	0.00
Payment Per Period	0.00
Period Number	0
Principal Amount	0.00
Interest Amount	0.00

### OWNER HOURLY COST ANALYSIS

Fuel Usage (Gallons / Hr )	298
Fuel Cost Per Hour	1,341.00
Fuel Cost Per Gallon	4.50
Airframe Maintenance	247.00
Engine / APU Maintenance	318.00
Total Maintenance	565.00
Crew Misc. / Part 91	150.00
Total Variable Cost Per Hour	2,056.00
Total Fixed Cost w/o Charter	1,812.00
Total Fixed Cost with Charter	1,425.33
Total Hourly Cost w/o Charter	3,868.00
Total Hourly Cost with Charter	3,481.33

### ANNUAL FIXED COSTS

Crew Expense	160,000.00
Crew Training	39,980.00
Hangar	30,000.00
Insurance	27,820.00
Aircraft Misc.	14,000.00
Mgmt. / Mktg. Fee	0.00
Payment / Capital Cost	0.00
Original Aircraft Cost	0.00
Annual Value Depreciation (%)	0
Term of Ownership	0
Avg. Depreciation / Year	0.00
Total Fixed Cost w/o Charter	271,800.00
Net Charter Contribution	58,000.00
Total Fixed Cost with Charter	213,800.00

### ANNUAL BUDGET

Annual Owner Hours	150
Annual Budget	580,200.00

### MONTHLY BUDGET

Monthly Hours	13
Monthly Budget	48,350.00

## Aircraft Specifications

### BUDGET BY PERCENTAGES

Fuel Cost (%)	34.67
Airframe Maintenance	6.39
Engine / APU Maintenance (%)	8.22
Crew Misc. / Part 91 (%)	3.88
Crew Expense (%)	27.58
Crew Training (%)	6.89
Hanger (%)	5.17
Insurance (%)	4.79
Aircraft Misc. (%)	2.41
Mgmt. / Mkting. Fee (%)	0.00
Payment / Capital Cost (%)	0.00
Avg. Depreciation / Year (%)	0.00
Total Percentages	100

### ANNUAL VARIABLE COSTS

Fuel Gallons / Part 91	44,700.00
Fuel Cost / Part 91	201,150.00
Maintenance	37,050.00
Engine / APU Maintenance / Part 91	47,700.00
Crew Misc. / Part 91	22,500.00
Total Variable Cost	308,400.00

### CHARTER REVENUE AND PROFIT CONTRIBUTION

Charter Revenue	320,000.00
Variable Cost of Charter	262,000.00
Net Profit Contribution	58,000

### NOTES

\* All Costs in USD (United States Dollars)

## Other Cost Info Details

### Hawker Beechcraft Hawker 850 XP

#### TRIP COST CALCULATOR

Trip Distance (Sm)	0
Block Speed (Mph)	469
Trip Time (hrs)	0.00
Variable Cost / Hr	2,056.00
Total Trip Cost	0.00
Total Hours Saved	0
Commercial Air & Overnight Costs	0.00
Value / Hr / Executive	0.00
Number of Executives	0
All- In Trip 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	271,800.00
Variable Cost	308,400.00
Net Charter Profit	58,000.00
Net Annual Cost	638,200.00
Owner Hours Flown	150
Owner Cost / Hr w/o Charter	3,868.00
Charter Hours	200
Owner Cost / Hr with Charter	4,254.67

#### HOURLY CHARTER COST ANALYSIS

Revenue / Hr	1,600.00
Variable Cost / Hr	2,056.00
Gross Profit / Charter Hr	290.00

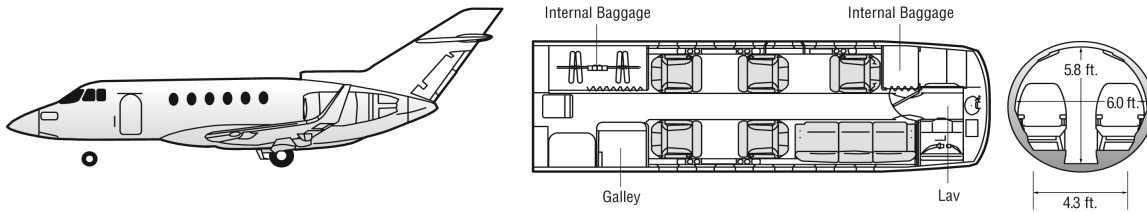
#### DEPRECIATION CALCULATOR

Full Price of Aircraft	0.00							
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Depreciation Value	0	0	0	0	0	0	0	0
Cumulative Depn.	0	0	0	0	0	0	0	0
Adjusted Cost / Hr	0	0	0	0	0	0	0	0

**\* All Costs in USD (United States Dollars)**

# Hawker Beechcraft Hawker 850 XP

Mid Jet



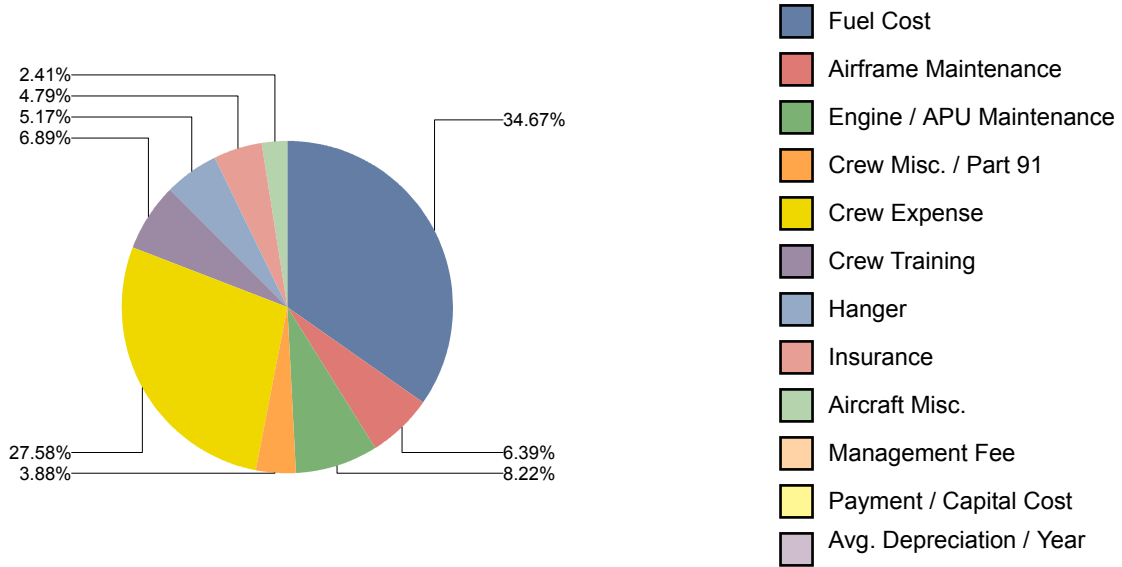
<b>BASIC VARIABLE COST DATA</b>	
<b>Variable Cost per Hour Components</b>	
Airframe Maintenance	247.00
Engine / APU Maintenance	318.00
Fuel Cost @ \$3.80 per gallon based on 290 Gph	1,341.00
<b>Total Variable Cost per Hour</b>	<b>1,906.00</b>
Average Block Speed (Kts / Mph)	408 / 469
Variable Cost per Nm / Sm	Not Available
<b>ADDITIONAL AIRCRAFT INFORMATION</b>	
Typical Passenger Capacity	2 / 8
Baggage Capacity External / Internal (Cubic Ft)	50 / 0
Years in Production	2005 - to present
Number of Aircraft Produced (approximate)	121
Average Pre-Owned Asking Prices	11,164,300
<b>BASIC AIRCRAFT PERFORMANCE DATA</b>	
Seats Full Range (Nm / Sm)	2525 / 2904
Ferry Range (No Payload) (Nm / Sm)	2710 / 3117
Balance Field Length* (Take-off Distance in Feet)	5,641
Landing Distance (Ft.)	3,973
Normal Cruise Speed (Kts / Mph)	430 / 495
Long Range Cruise Speed (Kts / Mph)	402 / 462
Fuel Usage (Gph)	298
Service Ceiling (Ft.)	39,000
*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 in USD

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# Annual Operating Cost Percentages

## Hawker Beechcraft Hawker 850 XP



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## Comparison

\*All Costs in USD (United States Dollars)

TYPE	Dassault Falcon 2000	Hawker Beechcraft Hawker 850 XP
Owner Hours Per Year	150	150
Charter Hours Per Year	200	200
Total Hours Per Year	350	350
Fuel Cost Per Gallon	4.50	4.50
Total Fuel Gallons (Part 91)	43,050.00	44,700.00
<b>ANNUAL VARIABLE COSTS</b>		
Fuel Cost (Part 91)	193,725.00	201,150.00
Airframe Maint. (Part91)	45,750.00	37,050.00
Engine & APU Maint. (Part91)	62,700.00	47,700.00
Crew Misc. (Part91)	45,000.00	22,500.00
Fractional Hourly Cost	0.00	0.00
Fractional Fuel Surcharge	0.00	0.00
Fractional Federal Excise Tax	0.00	0.00
Total Variable Cost	347,175.00	308,400.00
<b>ANNUAL FIXED COSTS</b>		
Crew Expense	225,000.00	160,000.00
Crew Training	67,360.00	39,980.00
Hanger	80,000.00	30,000.00
Insurance	35,000.00	27,820.00
Aircraft Miscellaneous	28,500.00	14,000.00
Management /Mktg Fee	0.00	0.00
Fractional Other	0.00	0.00
Payment / Capital Cost	0.00	0.00
Avg Market Depreciaton / Yr	0.00	0.00
Total Cost Without Charter	435,860.00	271,800.00
<b>CHARTER CONTRIBUTION</b>		
Charter Revenue	400,000.00	320,000.00
Variable Cost of Charter	288,100.00	262,000.00
Net Profit Contribution	111,900.00	58,000.00
Total Fixed Cost With Charter	323,960.00	213,800.00
<b>ANNUAL BUDGET</b>		
Annual Hours / Part 91	150	150
Annual Budget W/o Charter	783,035.00	580,200.00
Annual Budget With Charter	671,135.00	522,200.00
<b>MONTHLY BUDGET</b>		
Monthly Budget W/o Charter	65,252.92	48,350.00
Monthly Budget With Charter	55,927.92	43,516.67
<b>HOURLY COSTS</b>		
Owner Hrly Rate W/o Charter	5,220.23	3,868.00
Owner Hrly Rate With Charter	4,474.23	3,481.33

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