

The Aircraft Cost Evaluator

<i>VARIABLE COST - \$</i>	<i>Citation VII</i>	<i>Hawker 700</i>	<i>Learjet 45</i>
Fuel (1)	1,382.40	1,262.40	1,017.60
Fuel Additives	0.00	0.00	0.00
Lubricants	0.00	0.00	0.00
Maintenance Labor (2)	289.52	396.00	127.60
Parts Airframe/Eng/Avion (3)	227.08	273.21	87.16
Engine Restoration (4)	313.80	289.66	267.03
Thrust Reverser Overhaul	0.00	0.00	0.00
Propeller Overhaul	0.00	0.00	0.00
APU Overhaul	35.84	30.67	38.50
Dynamic Comp/Life Ltd Parts	0.00	0.00	0.00
Misc Exp. - Landing/Parking	18.98	20.46	16.92
- Crew Expenses	70.00	70.00	70.00
- Supplies/Catering	36.00	36.00	36.00
- Other	0.00	0.00	0.00
Occupied Hrly Cost + Tax	0.00	0.00	0.00
Total Variable Cost/Fit. Hour	2,373.62	2,378.40	1,660.81
Average Speed-Kts. (5) 600-nm trip	427	382	414
Cost per Nautical Mile	5.56	6.22	4.01

FOOTNOTES - \$ *Operation: 1 - 2 Aircraft Date: 8/24/2007*

Type of Operation:	Corporate	Corporate	Corporate
1 /Fuel Cost	4.80	4.80	4.80
Gallons/Hour BlkFuel/FltTime+15%	288	263	212
2 /Maint. Labor Cost/Hour	88.00	88.00	88.00
Maint. Hours/Flight Hours	3.29	4.50	1.45
Model Year	2000	1984	2005
3 /Incl. Engine Parts Cost	No	No	No
Engine Model	TFE 731-4R-2	TFE 731-3R	TFE 731-20AR
4 /Overhaul Cost Source	JSSI Comp06	JSSI Comp06	JSSI Comp06
5 /Block Speed Source	Mftr Data	AC Manual	Mftr-Data
6 /Crew Salary Source	06 NBAA+3%	06 NBAA+3%	06 NBAA+3%
Number of Crew	2	2	2
7 /Ins Hull Value/Frac	7,600,000	2,600,000	9,400,000
Share Cost	0.63	0.63	0.31
8 /Modernization	10 Yr Avg	10 Yr Avg	10 Yr Avg
9 /Refurbish Labor Hrs/Seat	40	40	40
10/Comp. Mx Program Source	MxManager	MxManager	MxManager
11/Weather Service Source	Typical	Typical	Typical
12/ Depreciation Rate	10% per yr	10% per yr	10% per yr
13/Market Depr % / Year	4	4	4



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<i>FIXED COST - \$</i>	<i>Citation VII</i>	<i>Hawker 700</i>	<i>Learjet 45</i>
Crew Salaries - Captain (6)	101,275	101,275	101,275
- Co Pilot	74,625	74,625	74,625
- Flt Eng/Other	0	0	0
- Benefits	52,770	52,770	52,770
Hangar - Typical	39,200	31,500	36,300
Insurance - Hull (7)	47,880	16,380	29,140
Admitted Liability	4,500	5,000	5,000
Legal Liability	20,500	20,500	20,500
Recurrent Training	29,200	29,800	33,200
Aircraft Modernization (8)	35,000	52,500	35,000
Navigation Chart Service	4,006	4,006	4,006
Refurbishing (9)	24,640	28,160	28,160
Computer Mx. Program (10)	2,200	2,200	2,200
Weather Service (11)	700	700	700
Other Fixed Costs	0	0	0
Mgmt Fee/Yr + Tax	0	0	0
Total Fixed Cost/Year	436,496	419,416	422,876
<i>ANNUAL BUDGET - \$</i>	Corporate	Corporate	Corporate
Utilization - Nt. Miles	175,000	175,000	175,000
- Hours	410	458	423
Variable Cost	973,184	1,089,307	702,523
Fixed Cost	436,496	419,416	422,876
Total Cost (No Depreciation)	1,409,680	1,508,723	1,125,399
- Per Hour	3,438	3,294	2,661
- Per Nt. Mile	8.06	8.62	6.43
- Per Seat Nt. Mile	1.15	1.08	.80
Total Cost (No Depreciation)	1,409,680	1,508,723	1,125,399
Book Depreciation (12)	760,000	260,000	940,000
Total Cost (Book Depreciation)	2,169,680	1,768,723	2,065,399
- Per Hour	5,292	3,862	4,883
- Per Nt. Mile	12.40	10.11	11.80
- Per Seat Nt. Mile	1.77	1.26	1.48
Total Cost (No Depreciation)	1,409,680	1,508,723	1,125,399
Market Depreciation (13)	304,000	104,000	376,000
Total Cost (Market Dep.)	1,713,680	1,612,723	1,501,399
- Per Hour	4,180	3,521	3,549
- Per Nt. Mile	9.79	9.22	8.58
- Per Seat Nt. Mile	1.40	1.15	1.07



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<i>GENERAL - \$</i>	<i>Citation VII</i>	<i>Hawker 700</i>	<i>Learjet 45</i>
Cabin-Height (Ft.)	5.70	5.75	4.92
- Width	5.50	6.00	5.12
- Length	18.40	21.30	19.75
Cabin volume (Cu. Ft.)	438.00	604.00	410.00
Cabin Door Height (Ft.)	5.00	4.25	4.80
- Width	2.00	2.25	2.50
Baggage -Int. (Cu.Ft.)	0.00	40.00	15.00
- External	54.00	0.00	50.00
Typical Crew/Pass Seating	2/7	2/8	2/8
Weight-Max Take-off (Lbs.)	23,000	24,800	20,500
- Maximum Landing	20,000	22,000	19,200
- Basic Operating	14,250	14,200	13,890
- Usable Fuel	7,330	9,450	6,062
Payload-Full Fuel (Lbs.)	1,620	1,350	798
- Maximum	2,250	1,850	2,112
Certified/IFR Certified	Yes/Yes	Yes/Yes	Yes/Yes
Price - New (Corporate)/1000	11,414	5,750	10,250
- Pre Owned Rng/1000	5,500/7,600	2,100/2,600	6,000/9,400
Years Produced	1992 - 2000	1977 - 1984	1998 - 2005
<i>PERFORMANCE</i>			
Range-NBAA IFR Res (N.Mi.)			
Seats Full	1,693	1,960	1,423
Ferry Range	1,824	2,170	1,968
Range-30 Min. Res (N.Mi.)			
Seats Full			
Ferry Range			
Balanced Field Length (Ft.)	5,170	6,825	4,350
Landing Distance - FAR 121	5,067	3,700	3,915
Rate Of Climb (Ft/Min)	4,315	3,000	2,800
- One Engine Out	510	405	590
Cruise Speed-Max (KTAS)	452	435	465
- Normal	452	420	458
- Long Range	417	390	416
Stall Speed (IAS)	89	84	91
Ceiling-Service MTOW (Ft.)	43,000	41,000	45,000
- Service OEI	22,000	21,600	28,500
- Hover IGE			
- Hover OGE			