

Sierra Citation FJ44 Stallion

OPERATING COSTS

Citation 500/501SP Stallion Modification
Williams FJ44-2A Engines

VARIABLE COSTS

Fuel at \$3.50 / gallon ¹	\$385.00
Fuel Additive - \$.02 / gallon	2.20
Maintenance ²	
Labor at \$70.00 / hour	133.00
Parts - airframe, engines, and avionics	68.10
Engine Maintenance Plan ³	211.52
Miscellaneous Flight Expenses	4.00
TOTAL VARIABLE COSTS PER HOUR	\$803.82
Average Block Speed (mph) ⁴	414
COST PER STATUTE MILE	\$1.94

FIXED COSTS

Crew Salaries ⁵	\$84,500.00
Captain \$65,000	
Benefits \$19,500	
Hangar	10,000.00
Insurance	
Hull at .66% of value	16,500.00
Admitted Liability - \$250,000 / seat	1,540.00
Legal Liability - \$5M	3,200.00
Miscellaneous Overhead	
Recurrent Training	7,500.00
Aircraft Modernization	8,400.00
Navigation Equipment	1,300.00
Depreciation ⁶	40,000.00
TOTAL FIXED COSTS	\$172,940.00

TOTAL ALL COSTS

TOTAL COST (350 hours per year)	\$454,277.00
Cost per hour	\$1,297.93
Cost per statute mile	\$3.14
Cost per seat mile	\$.39
TOTAL COST LESS DEPRECIATION (350 hours per year)	\$414,277.00
Cost per hour	\$1,183.65
Cost per statute mile	\$2.86
Cost per seat mile	\$0.36

Notes

- 110 gallons per hour. Source: Operator experience.
 - Maintenance costs are based on a continuous review of data available from operator experience, factory, NBAA and other sources. 1.9 manhour per flight hour.
 - Source: Williams International. TAP Elite Program - Includes Overhaul, Hot Section Inspection, premature removal allowances and loaner engines.
 - Maximum Cruise based on customer experience.
 - Based on 2002 Business and Commercial Aviation salary survey.
 - Based on \$2,800,000 acquisition price and \$2,600,000 residual price in 5 years
- Consult a Certified Public Account for actual tax savings and depreciation calculations.