

# Garrett Aviation FJ44 Eagle II

## OPERATING COSTS

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

### VARIABLE COSTS

Fuel at \$2.50 / gallon <sup>1</sup>	\$275.00
Fuel Additive - \$.02 / gallon	3.10
Maintenance <sup>2</sup>	
Labor at \$.60.00 / hour	119.21
Parts - airframe, engines, and avionics	68.10
Engine Maintenance Plan <sup>3</sup>	142.86
Miscellaneous Flight Expenses	4.00
<b>TOTAL VARIABLE COSTS PER HOUR</b>	<b>\$612.27</b>
Average Block Speed (mph) <sup>4</sup>	414
<b>COST PER STATUTE MILE</b>	<b>\$1.47</b>

### FIXED COSTS

Crew Salaries <sup>5</sup>	\$67,600.00
Captain ..... \$55,000	
Benefits ..... \$12,600	
Hangar	10,000.00
Insurance	
Hull at .66% of value	16,500.00
Admitted Liability - \$150 / \$M	37,500.00
Miscellaneous Overhead	
Recurrent Training	7,500.00
Aircraft Modernization	8,400.00
Navigation Equipment	1,300.00
Depreciation	648,800.00
<b>TOTAL FIXED COSTS</b>	<b>\$797,600.00</b>

### TOTAL ALL COSTS

<b>TOTAL COST (350 hours per year)</b>	<b>\$1,011,894.50</b>
Cost per hour	<b>\$2,891.13</b>
Cost per statute mile	<b>\$6.98</b>
Cost per seat mile	<b>\$0.99</b>
<b>TOTAL COST LESS DEPRECIATION<sup>6</sup> (350 hours per year)</b>	<b>(\$113,105.50)</b>
Cost per hour	<b>(\$323.16)</b>
Cost per statute mile	<b>(\$0.78)</b>
Cost per seat mile	<b>(\$0.11)</b>

**Notes**

1. 110 gallons per hour. Source: Operator experience.
  2. 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.
  3. Source: Williams International.. Includes Overhaul, Hot Section Inspection, premature removal allowances and loaner engines.
  4. Maximum Cruise based on customer experience.
  5. Based on 2002 Business and Commercial Aviation salary survey.
  6. Based on \$2,000,000 of purchase price eligible for Bonus Depreciation
- Consult a Certified Public Account for actual tax savings and depreciation calculations.