

R44 Raven I

ESTIMATED OPERATING COSTS

Price of R44 Raven I with COM, GPS, and Transponder \$ 310,290

FIXED ANNUAL COSTS

Liability Insurance (300 hr pilot, good safety record, RHC Safety Course) \$ 2,560
Hull Insurance (300 hour pilot, good safety record, RHC Safety Course) 6,880

FIXED COST PER YEAR \$ 9,440

RESERVE FOR OVERHAUL

2200 Hour Engine Overhaul (\$23,200 RHC exchange) \$ 10.55

2200 Hour Aircraft Overhaul Parts Kit (\$103,000) 46.82
(Includes new bearings, seals, belts, etc., and life-limited components with less than 2200 hours remaining.)

Labor (220 Manhours @ \$60 per hour) 6.00

RESERVE PER HOUR \$ 63.37

DIRECT OPERATING COST

Fuel @ \$4.00 per gallon and 14 gph for average use \$ 56.00
Oil .50
Periodic Inspections, Labor @ \$60 per hour 9.60
Unscheduled Maintenance, Parts and Labor @ \$60 per hour 6.50

DIRECT OPERATING COST PER HOUR \$ 72.60

TOTAL OPERATING COST

Fixed Cost per Flight Hour Based on 500 Hours per Year \$ 18.88
Overhaul Reserve Per Hour 63.37
Direct Cost per Flight Hour 72.60

TOTAL OPERATING COST PER HOUR \$ 154.85

OPERATING COST-PER-ROAD MILE

Assume one air mile (straight line path) equals 1.5 road miles, and assume an average cruise speed of 130 miles per hour with a cruise fuel consumption of 16 gph.

$$\$162.85 \div 130 \div 1.5 = 84 \text{ Cents per Road Mile}$$

This total operating cost-per-mile is not much higher than some expensive automobiles, and will usually be lower when the value of time saved is considered.

Note: The above estimates are approximate and will vary with type of use, maintenance, local conditions and prices. This information is for comparison only and not a guarantee of actual costs. Referenced prices are subject to change without notice. Transportation costs and local taxes are not included.