

R44 Raven II & R44 Clipper II ***Estimated Operating Costs***

Price of R44 Raven II with optional Garmin GTN 635 GPS/COM \$ 496,300

FIXED ANNUAL COSTS

Depreciation (Negligible, freshly overhauled R44s typically sell for more than original costs) \$ N/A

Insurance based on a pilot with 200 hours logged helicopter time, including 40 PIC hours in an R44, with a good safety record and RHC Safety Course Certificate

Liability Insurance 2,560

Hull Insurance 9,566

FIXED COST PER YEAR \$ 12,126

RESERVE FOR OVERHAUL

2200 Hour Engine Overhaul (\$57,000 RHC exchange) \$ 25.91

2200 Hour Aircraft Overhaul Parts Kit (\$146,000) 66.36

(Includes new bearings, seals, belts, etc., and life-limited components with less than 2200 hours remaining.)

Labor (240 Manhours @ \$110 per hour) 12.00

RESERVE PER HOUR \$ 104.27

DIRECT OPERATING COST

Fuel @ \$6.09 per gallon and 15.0 gph for average use \$ 91.35

Oil 1.16

Periodic Inspections, Labor @ \$110 per hour 19.80

Unscheduled Maintenance, Parts and Labor @ \$110 per hour 12.15

DIRECT OPERATING COST PER HOUR \$ 124.46

TOTAL OPERATING COST

Fixed Cost per Flight Hour Based on 500 Hours per Year \$ 24.25

Overhaul Reserve Per Hour 104.27

Direct Cost per Flight Hour 124.46

TOTAL OPERATING COST PER HOUR \$ 252.98

OPERATING COST-PER-ROAD MILE

Assume one air mile (straight line path) equals 1.5 road miles, and assume an average cruise speed of 132 miles per hour with a cruise fuel consumption of 16 gph.

$$\$259.07 \div 132 \div 1.5 = \$1.31 \text{ per Road Mile}$$

This total operating cost-per-mile compares favorably with 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.