

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

Price of R44 Raven I with optional Garmin GTN635Xi GPS/COM (Exchange) \$ 534,900

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 10,123

FIXED COST PER YEAR \$ 12,683

RESERVE FOR OVERHAUL

2200 Hour Engine Overhaul (\$69,600 RHC exchange) \$ 31.64

2200 Hour Aircraft Overhaul Parts Kit (\$177,000) 80.45

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

Labor (240 Manhours @ \$125 per hour) 13.64

RESERVE PER HOUR \$ 125.73

DIRECT OPERATING COST

Fuel @ \$6.58 per gallon and 15.0 gph for average use \$ 98.70

Oil 1.16

Periodic Inspections, Labor @ \$125 per hour 21.81

Unscheduled Maintenance, Parts and Labor @ \$125 per hour 12.82

DIRECT OPERATING COST PER HOUR \$ 134.49

TOTAL OPERATING COST

Fixed Cost per Flight Hour Based on 500 Hours per Year \$ 25.37

Overhaul Reserve Per Hour 125.73

Direct Cost per Flight Hour 134.49

TOTAL OPERATING COST PER HOUR \$ 285.59

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.

$$\$292.17 \div 130 \div 1.5 = \$1.50 \text{ per Road Mile}$$

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.