

R44 Raven I • R44 Clipper I

ESTIMATED OPERATING COSTS

Price of R44 Raven I with optional Garmin 420W GPS/COM 1 \$ 353,300

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 7,501

FIXED COST PER YEAR \$ 10,061

RESERVE FOR OVERHAUL

2200 Hour Engine Overhaul (\$31,000 RHC exchange) \$ 14.09

2200 Hour Aircraft Overhaul Parts Kit (\$118,000) 53.64

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

Labor (240 Manhours @ \$75 per hour) 8.18

RESERVE PER HOUR \$ 75.91

DIRECT OPERATING COST

Fuel @ \$4.75 per gallon and 14.0 gph for average use \$ 66.50

Oil 1.00

Periodic Inspections, Labor @ \$75 per hour 12.00

Unscheduled Maintenance, Parts and Labor @ \$75 per hour 7.50

DIRECT OPERATING COST PER HOUR \$ 87.00

TOTAL OPERATING COST

Fixed Cost per Flight Hour Based on 500 Hours per Year \$ 20.12

Overhaul Reserve Per Hour 75.91

Direct Cost per Flight Hour 87.00

TOTAL OPERATING COST PER HOUR \$ 183.03

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.

$$\$192.53 \div 130 \div 1.5 = 99 \text{ Cents per Road Mile}$$

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.