

R44 Raven I & R44 Clipper I **2013 Estimated Operating Costs**

Price of R44 Raven I with optional Garmin 420W GPS/COM 1 \$ 368,300

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 7,718

FIXED COST PER YEAR \$ 10,278

RESERVE FOR OVERHAUL

2200 Hour Engine Overhaul (\$33,000 RHC exchange) \$ 15.00

2200 Hour Aircraft Overhaul Parts Kit (\$124,000) 56.36

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

Labor (240 Manhours @ \$85 per hour) 9.27

RESERVE PER HOUR \$ 80.63

DIRECT OPERATING COST

Fuel @ \$5.85 per gallon and 14.0 gph for average use \$ 81.90

Oil 1.06

Periodic Inspections, Labor @ \$85 per hour 13.60

Unscheduled Maintenance, Parts and Labor @ \$85 per hour 8.50

DIRECT OPERATING COST PER HOUR \$ 105.06

TOTAL OPERATING COST

Fixed Cost per Flight Hour Based on 500 Hours per Year \$ 20.56

Overhaul Reserve Per Hour 80.63

Direct Cost per Flight Hour 105.06

TOTAL OPERATING COST PER HOUR \$ 206.25

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.

$$\$217.95 \div 130 \div 1.5 = \$1.12 \text{ per Road Mile}$$

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.