

R44 Raven II & R44 Clipper II **2016 Estimated Operating Costs**

Price of R44 Raven II with optional Garmin GTN 625 GPS \$ 473,400

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 9,235

FIXED COST PER YEAR \$ 11,795

RESERVE FOR OVERHAUL

2200 Hour Engine Overhaul (\$52,000 RHC exchange) \$ 23.64

2200 Hour Aircraft Overhaul Parts Kit (\$137,000) 62.27

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

Labor (240 Manhours @ \$95 per hour) 10.36

RESERVE PER HOUR \$ 96.27

DIRECT OPERATING COST

Fuel @ \$5.50 per gallon and 14.0 gph for average use \$ 77.00

Oil 1.10

Periodic Inspections, Labor @ \$95 per hour 15.20

Unscheduled Maintenance, Parts and Labor @ \$95 per hour 10.26

DIRECT OPERATING COST PER HOUR \$ 103.56

TOTAL OPERATING COST

Fixed Cost per Flight Hour Based on 500 Hours per Year \$ 23.59

Overhaul Reserve Per Hour 96.27

Direct Cost per Flight Hour 103.56

TOTAL OPERATING COST PER HOUR \$ 223.42

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.

$$\$234.42 \div 132 \div 1.5 = \$1.18 \text{ per Road Mile}$$

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.