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)
(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 + 132 + 1.5 = $1.31 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.