R44 Raven II & R44 Clipper II
2013 Estimated Operating Costs

Price of R44 Raven II with optional Garmin 420W GPS/COM 1	$	447,300

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		8,860
FIXED COST PER YEAR	$	11,420

RESERVE FOR OVERHAUL

2200 Hour Engine Overhaul ($45,000 RHC exchange)	$	20.45
2200 Hour Aircraft Overhaul Parts Kit ($130,000) (Includes new bearings, seals, belts, etc., and life-limited components with less than 2200 hours remaining.)		59.09
Labor (240 Manhours @ $85 per hour)		9.27
RESERVE PER HOUR	$	88.81

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		9.18
DIRECT OPERATING COST PER HOUR	$	105.74

TOTAL OPERATING COST

Fixed Cost per Flight Hour Based on 500 Hours per Year	$	22.84
Overhaul Reserve Per Hour		88.81
Direct Cost per Flight Hour		105.74
TOTAL OPERATING COST PER HOUR	$	217.39

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.

$229.09 ÷ 132 ÷ 1.5 = $1.16 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.