



# R44 Raven II Estimated Operating Cost - 2025

Price of R44 RAVEN II with Standard Equipment \$615,500

**FIXED ANNUAL COSTS**

Depreciation (Negligible, freshly overhauled R44s are expected to sell for 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 11,575

FIXED COST PER YEAR \$ 14,135

**RESERVE FOR OVERHAUL**

2200 Hour Engine Overhaul (\$85,700 RHC exchange) \$ 38.95

2200 Hour Aircraft Overhaul Parts Kit (\$193,700) 88.05

(Includes new bearings, seals, belts, etc., and life limited components with less than 2200 hours remaining.) 12.78

Labor (225 Manhours at \$125 per hour)

RESERVE PER HOUR \$ 139.78

**DIRECT OPERATING COST**

Fuel @ \$6.05 per gallon and 15.0 gph for average use \$ 98.70

Oil 2.60

Periodic Inspections, Labor @ \$125 per hour 37.50

Unscheduled Maintenance, Parts and Labor @ \$125 per hour 13.80

DIRECT OPERATION COST PER HOUR \$ 152.60

**TOTAL OPERATING COST**

Fixed Cost per Flight Hour Based on 500 Hours per Year \$ 28.27

Overhaul Reserve per Hour 139.78

Direct Cost per Flight Hour 152.60

TOTAL OPERATING COST PER HOUR \$ 320.65

**OPERATING COST-PER-ROAD MILE**

Assume one air mile (straight line path) equals 1.5 miles and assume an average cruise speed of 110 miles per hour with cruise fuel consumption of 15.0 gph.

$$\$320.65 \div 110 \div 1.5 = \$1.94 \text{ per Road Mile}$$

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 is not a guarantee of actual costs. Referenced prices are subject to change without notice. Transportation costs and local taxes are not included.