



# R44 Raven I Estimated Operating Cost – July 2025

Price of R44 RAVEN I with Standard Equipment \$527,000

## **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 10,298

FIXED COST PER YEAR \$ 12,858

## **RESERVE FOR OVERHAUL**

2200 Hour Engine Overhaul (\$71,700 RHC exchange) \$ 32.59

2200 Hour Aircraft Overhaul Parts Kit (\$195,200) 88.73

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

Labor (225 Manhours at \$125 per hour) 12.78

RESERVE PER HOUR \$ 134.10

## **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 12.82

DIRECT OPERATION COST PER HOUR \$ 151.62

## **TOTAL OPERATING COST**

Fixed Cost per Flight Hour Based on 500 Hours per Year \$ 25.72

Overhaul Reserve per Hour 134.10

Direct Cost per Flight Hour 151.62

TOTAL OPERATING COST PER HOUR \$ 311.44

## **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.

$$\text{\$311.44} \div 110 \div 1.5 = \text{\$1.89 per Road Mile}$$

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.