



R22 Estimated Operating Cost - 2025

Price of R22 with Standard Equipment \$375,000

FIXED ANNUAL COSTS

Depreciation (Negligible, freshly overhauled R22s 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 R22, with a good safety record and RHC Safety Course Certificate

Liability Insurance 1,920

Hull Insurance 7,496

FIXED COST PER YEAR \$ 9,416

RESERVE FOR OVERHAUL

2200 Hour Engine Overhaul (\$53,400 RHC exchange) \$ 24.27

2200 Hour Aircraft Overhaul Parts Kit (\$109,600) 49.82

(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 86.87

DIRECT OPERATING COST

Fuel @ \$6.05 per gallon and 8.0 gph for average use \$ 48.40

Oil 1.80

Periodic Inspections, Labor @ \$125 per hour 38.35

Unscheduled Maintenance, Parts and Labor @ \$125 per hour 9.53

DIRECT OPERATION COST PER HOUR \$ 98.08

TOTAL OPERATING COST

Fixed Cost per Flight Hour Based on 500 Hours per Year \$ 18.83

Overhaul Reserve per Hour 86.87

Direct Cost per Flight Hour 98.08

TOTAL OPERATING COST PER HOUR \$ 203.78

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 8.0 gph.

$$\mathbf{\$203.78 \div 110 \div 1.5 = \$1.24 \text{ per Road Mile}}$$

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.