



R44 Cadet Estimated Operating Cost - 2025

Price of R44 CADET with Standard Equipment \$495,000

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 2,160

Hull Insurance 9,836

FIXED COST PER YEAR \$ 11,996

RESERVE FOR OVERHAUL

2400 Hour Engine Overhaul (\$71,700 RHC exchange) \$ 29.88

2400 Hour Aircraft Overhaul Parts Kit (\$187,500) 78.13

(Includes new bearings, seals, belts, etc., and life limited components with less than 2400 hours remaining.)

Labor (225 Manhours at \$125 per hour) 12.66

RESERVE PER HOUR \$ 120.67

DIRECT OPERATING COST

Fuel @ \$6.05 per gallon and 14.0 gph for average use \$ 84.70

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 \$ 137.62

TOTAL OPERATING COST

Fixed Cost per Flight Hour Based on 500 Hours per Year \$ 23.99

Overhaul Reserve per Hour 120.67

Direct Cost per Flight Hour 137.62

TOTAL OPERATING COST PER HOUR \$ 282.28

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 14.0 gph.

$$\mathbf{\$282.28 \div 110 \div 1.5 = \$1.71 \text{ per Road Mile}}$$

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.