



R44 Cadet Estimated Operating Cost - 2026

Price of R44 CADET with Standard Equipment	\$520,000
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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	<u>9,908</u>
	FIXED COST PER YEAR
	\$ 12,068

RESERVE FOR OVERHAUL

2400 Hour Engine Overhaul (\$76,900 RHC exchange)	\$ 32.04
2400 Hour Aircraft Overhaul Parts Kit (\$203,600)	84.83
(Includes new bearings, seals, belts, etc., and life limited components with less than 2400 hours remaining.)	
Labor (225 Manhours at \$130 per hour)	<u>12.19</u>

RESERVE PER HOUR	\$ 129.06
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DIRECT OPERATING COST

Fuel @ \$6.51 per gallon and 14.0 gph for average use	\$ 91.14
Oil	2.60
Periodic Inspections, Labor @ \$130 per hour	39.00
Unscheduled Maintenance, Parts and Labor @ \$130 per hour	<u>13.33</u>
	DIRECT OPERATION COST PER HOUR
	\$ 146.07

TOTAL OPERATING COST

Fixed Cost per Flight Hour Based on 500 Hours per Year	\$ 24.14
Overhaul Reserve per Hour	129.06
Direct Cost per Flight Hour	<u>146.07</u>
	TOTAL OPERATING COST PER HOUR
	\$ 299.27

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.

$$\$299.27 \div 110 \div 1.5 = \$1.81 \text{ per Road Mile}$$

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.