



R44 Cadet Estimated Operating Cost – July 2025

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

Depreciation (Negligible, freshly overhauled R44s are expected to sell for original costs)	\$ N/A
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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
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Hull Insurance	<u>9,836</u>
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FIXED COST PER YEAR	\$ 11,996
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RESERVE FOR OVERHAUL

2400 Hour Engine Overhaul (\$71,700 RHC exchange)	\$ 29.88
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2400 Hour Aircraft Overhaul Parts Kit (\$193,900)	80.79
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(Includes new bearings, seals, belts, etc., and life limited components with less than 2400 hours remaining.)

Labor (225 Manhours at \$125 per hour)	<u>12.66</u>
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RESERVE PER HOUR	\$ 123.33
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DIRECT OPERATING COST

Fuel @ \$6.05 per gallon and 14.0 gph for average use	\$ 84.70
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Oil	2.60
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Periodic Inspections, Labor @ \$125 per hour	37.50
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Unscheduled Maintenance, Parts and Labor @ \$125 per hour	<u>12.82</u>
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DIRECT OPERATION COST PER HOUR	\$ 137.62
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TOTAL OPERATING COST

Fixed Cost per Flight Hour Based on 500 Hours per Year	\$ 23.99
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Overhaul Reserve per Hour	123.33
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Direct Cost per Flight Hour	<u>137.62</u>
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TOTAL OPERATING COST PER HOUR	\$ 284.94
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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.

$$\text{\$284.94} \div 110 \div 1.5 = \text{\$1.72 per Road Mile}$$

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.