



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

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.

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

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.