R44 Cadet Estimated Operating Costs

Price of R44 Cadet with optional Avidyne IFD410 GPS $ 370,400

FIXED ANNUAL COSTS
Depreciation (Negligible, freshly overhauled R44s typically sell for more than 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 7,748
  FIXED COST PER YEAR $ 9,908

RESERVE FOR OVERHAUL
2400 Hour Engine Overhaul ($43,000 RHC exchange) $ 17.92
2400 Hour Aircraft Overhaul Parts Kit ($141,000)
  (Includes new bearings, seals, belts, etc., and life-limited components with less than 2400 hours remaining.)
  Labor (240 Manhours @ $110 per hour) 11.00
  RESERVE PER HOUR $ 87.67

DIRECT OPERATING COST
Fuel @ $6.09 per gallon and 14.0 gph for average use $ 85.26
Oil 1.16
Periodic Inspections, Labor @ $110 per hour 19.80
Unscheduled Maintenance, Parts and Labor @ $110 per hour 11.29
  DIRECT OPERATING COST PER HOUR $ 117.51

TOTAL OPERATING COST
Fixed Cost per Flight Hour Based on 500 Hours per Year $ 19.82
Overhaul Reserve Per Hour 87.67
Direct Cost per Flight Hour 117.51
  TOTAL OPERATING COST PER HOUR $ 225.00

OPERATING COST-PER-ROAD MILE
Assume one air mile (straight line path) equals 1.5 road miles, and assume an average cruise speed of 130 miles per hour with a cruise fuel consumption of 16 gph.

$237.18 + 130 + 1.5 = $1.22 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 not a guarantee of actual costs. Referenced prices are subject to change without notice. Transportation costs and local taxes are not included.