R22 Beta II Estimated Operating Costs

Price of R22 Beta II with optional heater and Avidyne IFD440 GPS/COM (Exchange) $ 319,400

**FIXED ANNUAL COSTS**

Depreciation (Negligible, freshly overhauled R22s 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 R22, with a good safety record and RHC Safety Course Certificate

- Liability Insurance: 1,920
- Hull Insurance: 6,295

**FIXED COST PER YEAR** $ 8,215

**RESERVE FOR OVERHAUL**

- 2200 Hour Engine Overhaul ($32,000 RHC exchange) $ 14.55
- 2200 Hour Aircraft Overhaul Parts Kit ($90,500)
  - (Includes new bearings, seals, belts, etc., and life-limited components with less than 2200 hours remaining.)
  - Labor (225 Manhours @ $110 per hour)

  **RESERVE PER HOUR** $ 66.94

**DIRECT OPERATING COST**

- Fuel @ $6.09 per gallon and 8.0 gph for average use $ 48.72
- Oil .95
- Periodic Inspections, Labor @ $110 per hour 15.40
- Unscheduled Maintenance, Parts and Labor @ $110 per hour 8.39

**DIRECT OPERATING COST PER HOUR** $ 73.46

**TOTAL OPERATING COST**

- Fixed Cost per Flight Hour Based on 500 Hours per Year $ 16.43
- Overhaul Reserve Per Hour 66.94
- Direct Cost per Flight Hour 73.46

**TOTAL OPERATING COST PER HOUR** $ 156.83

**OPERATING COST-PER-ROAD MILE**

Assume one air mile (straight line path) equals 1.5 road miles, and assume an average cruise speed of 110 miles per hour with a cruise fuel consumption of 9.5 gph.

$165.97 + 110 + 1.5 = $1.01 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.