R22 Beta II Estimated Operating Costs

Price of R22 Beta II with optional heater and Avidyne IFD440 GPS/COM (Exchange) $328,200

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 6,428

FIXED COST PER YEAR $8,348

RESERVE FOR OVERHAUL

2200 Hour Engine Overhaul ($32,000 RHC exchange) $14.55

2200 Hour Aircraft Overhaul Parts Kit ($93,000)
  (Includes new bearings, seals, belts, etc., and life-limited components with less than 2200 hours remaining.) 42.27
  Labor (225 Manhours @ $115 per hour) 11.76

RESERVE PER HOUR $68.58

DIRECT OPERATING COST

Fuel @ $6.09 per gallon and 8.0 gph for average use $48.72

Oil .95

Periodic Inspections, Labor @ $115 per hour 16.10

Unscheduled Maintenance, Parts and Labor @ $115 per hour 8.77

DIRECT OPERATING COST PER HOUR $74.54

TOTAL OPERATING COST

Fixed Cost per Flight Hour Based on 500 Hours per Year $16.70

Overhaul Reserve Per Hour 68.58

Direct Cost per Flight Hour 74.54

TOTAL OPERATING COST PER HOUR $159.82

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.

$168.96 + 110 + 1.5 = $1.02 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.