

R22 Beta II Estimated Operating Costs

Price of R22 Beta II with optional heater and Garmin 635Xi GPS/COM (Exchange) \$ 336,800

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 6,559

FIXED COST PER YEAR \$ 8,479

RESERVE FOR OVERHAUL

2200 Hour Engine Overhaul (\$34,000 RHC exchange) \$ 15.45

2200 Hour Aircraft Overhaul Parts Kit (\$99,000) 45.00

(Includes new bearings, seals, belts, etc., and life-limited components with less than 2200 hours remaining.)

Labor (225 Manhours @ \$115 per hour) 11.76

RESERVE PER HOUR \$ 72.21

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 \$ 16.96

Overhaul Reserve Per Hour 72.21

Direct Cost per Flight Hour 74.54

TOTAL OPERATING COST PER HOUR \$ 163.71

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.

$$\$172.85 \div 110 \div 1.5 = \$1.05 \text{ per Road Mile}$$

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.