

***R22 Beta II***  
**ESTIMATED OPERATING COSTS**

Price of R22 Beta II with Aux fuel, Heater, COM, GPS, & Transponder \$ 257,000

**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 6,130

FIXED COST PER YEAR \$ 8,050

**RESERVE FOR OVERHAUL**

2200 Hour Engine Overhaul (\$26,400 RHC exchange) \$ 12.00

2200 Hour Aircraft Overhaul Parts Kit (\$70,000) 31.82

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

Labor (225 Manhours @ \$70 per hour) 7.16

RESERVE PER HOUR \$ 50.98

**DIRECT OPERATING COST**

Fuel @ \$4.50 per gallon and 8.0 gph for average use \$ 36.00

Oil .40

Periodic Inspections, Labor @ \$70 per hour 8.40

Unscheduled Maintenance, Parts and Labor @ \$70 per hour 5.18

DIRECT OPERATING COST PER HOUR \$ 49.98

**TOTAL OPERATING COST**

Fixed Cost per Flight Hour Based on 500 Hours per Year \$ 16.10

Overhaul Reserve Per Hour 50.98

Direct Cost per Flight Hour 49.98

TOTAL OPERATING COST PER HOUR \$ 117.06

**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.

$$\$123.81 \div 110 \div 1.5 = 75 \text{ Cents per Road Mile}$$

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.