

R22 Beta II - 2016 Estimated Operating Costs

Price of R22 Beta II with optional heater and Garmin GTN 625 GPS \$ 304,600

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 (\$29,000 RHC exchange) \$ 13.18

2200 Hour Aircraft Overhaul Parts Kit (\$85,000) 38.64

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

Labor (225 Manhours @ \$95 per hour) 9.72

RESERVE PER HOUR \$ 61.54

DIRECT OPERATING COST

Fuel @ \$5.50 per gallon and 8.0 gph for average use \$ 44.00

Oil .90

Periodic Inspections, Labor @ \$95 per hour 11.40

Unscheduled Maintenance, Parts and Labor @ \$95 per hour 7.03

DIRECT OPERATING COST PER HOUR \$ 63.33

TOTAL OPERATING COST

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

Overhaul Reserve Per Hour 61.54

Direct Cost per Flight Hour 63.33

TOTAL OPERATING COST PER HOUR \$ 140.97

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.

$$\$149.22 \div 110 \div 1.5 = 90 \text{ Cents per Road Mile}$$

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.