

R66 Turbine Estimated Operating Costs

Price of R66 Turbine with optional Garmin GTN 625 GPS \$ 905,000

FIXED ANNUAL COSTS

Depreciation (Negligible, freshly overhauled R66s are expected to sell for original costs) \$ N/A

Insurance based on a pilot with 200 hours logged helicopter time, including 40 PIC hours in an R66, with a good safety record and RHC Safety Course Certificate

Liability Insurance 3,072

Hull Insurance 17,755

FIXED COST PER YEAR \$ 20,827

RESERVE FOR OVERHAUL

2000 Hour Engine Periodic Maintenance Interval \$ 74.57

2000 Hour Aircraft Overhaul Parts Kit (\$168,000) 84.00

(Includes new bearings, seals, etc., and life-limited components with less than 2000 hours remaining.)

Labor (240 Manhours @ \$105 per hour) 12.60

RESERVE PER HOUR \$ 171.17

DIRECT OPERATING COST

Fuel @ 5.33 per gallon and 22.0 gph for average use \$ 117.26

Oil .64

Periodic Inspections, Labor @ \$105 per hour 18.90

Unscheduled Maintenance, Parts and Labor @ \$105 per hour 11.60

DIRECT OPERATING COST PER HOUR \$ 148.40

TOTAL OPERATING COST

Fixed Cost per Flight Hour Based on 500 Hours per Year \$ 41.65

Overhaul Reserve Per Hour 171.17

Direct Cost per Flight Hour 148.40

TOTAL OPERATING COST PER HOUR \$ 361.22

OPERATING COST-PER-ROAD MILE

Assume one air mile (straight line path) equals 1.5 road miles, and assume an average cruise speed of 140 miles per hour with a cruise fuel consumption of 22 gph.

$$\$361.22 \div 140 \div 1.5 = \$1.72 \text{ per Road Mile}$$

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.