

R66 Turbine Estimated Operating Costs

Price of R66 Turbine with optional Garmin GTN 635 GPS/COM \$ 921,300

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 18,003

FIXED COST PER YEAR \$ 21,075

RESERVE FOR OVERHAUL

2000 Hour Engine Periodic Maintenance Interval \$ 78.43

2000 Hour Aircraft Overhaul Parts Kit (\$173,000) 86.50

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

Labor (240 Manhours @ \$110 per hour) 13.20

RESERVE PER HOUR \$ 178.13

DIRECT OPERATING COST

Fuel @ 5.80 per gallon and 22.0 gph for average use \$ 127.60

Oil .66

Periodic Inspections, Labor @ \$110 per hour 19.80

Unscheduled Maintenance, Parts and Labor @ \$110 per hour 12.15

DIRECT OPERATING COST PER HOUR \$ 160.21

TOTAL OPERATING COST

Fixed Cost per Flight Hour Based on 500 Hours per Year \$ 42.15

Overhaul Reserve Per Hour 178.13

Direct Cost per Flight Hour 160.21

TOTAL OPERATING COST PER HOUR \$ 380.49

OPERATING COST-PER-ROAD MILE

Assume one air mile (straight line path) equals 1.5 road miles, and assume an average cruise speed of 130 miles per hour with a cruise fuel consumption of 22 gph.

$$\$380.49 \div 130 \div 1.5 = \$1.95 \text{ per Road Mile}$$

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.