

R66 Turbine Estimated Operating Costs

Price of R66 Turbine with optional Garmin GTN 635Xi GPS/COM \$ 955,900

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 18,530

FIXED COST PER YEAR \$ 21,602

RESERVE FOR OVERHAUL

2000 Hour Engine Periodic Maintenance Interval \$ 88.53

2000 Hour Aircraft Overhaul Parts Kit (\$188,000) 94.00

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

Labor (240 Manhours @ \$115 per hour) 13.80

RESERVE PER HOUR \$ 196.33

DIRECT OPERATING COST

Fuel @ 5.60 per gallon and 22.0 gph for average use \$ 123.20

Oil .66

Periodic Inspections, Labor @ \$115 per hour 10.70

Unscheduled Maintenance, Parts and Labor @ \$115 per hour 12.70

DIRECT OPERATING COST PER HOUR \$ 157.26

TOTAL OPERATING COST

Fixed Cost per Flight Hour Based on 500 Hours per Year \$ 43.20

Overhaul Reserve Per Hour 196.33

Direct Cost per Flight Hour 157.26

TOTAL OPERATING COST PER HOUR \$ 396.79

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.

$$\$396.79 \div 130 \div 1.5 = \$2.03 \text{ per Road Mile}$$

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.