

R66 Turbine

2016 Estimated Operating Costs

Price of R66 Turbine with optional Garmin GTN 625 GPS \$ 881,400

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 17,397

FIXED COST PER YEAR \$ 20,469

RESERVE FOR OVERHAUL

2000 Hour Engine Periodic Maintenance Interval \$ 67.59

2000 Hour Aircraft Overhaul Parts Kit (\$163,000) 81.50

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

Labor (240 Manhours @ \$95 per hour) 11.40

RESERVE PER HOUR \$ 160.49

DIRECT OPERATING COST

Fuel @ 5.50 per gallon and 22.0 gph for average use \$ 121.00

Oil .60

Periodic Inspections, Labor @ \$95 per hour 15.20

Unscheduled Maintenance, Parts and Labor @ \$95 per hour 10.26

DIRECT OPERATING COST PER HOUR \$ 147.06

TOTAL OPERATING COST

Fixed Cost per Flight Hour Based on 500 Hours per Year \$ 40.94

Overhaul Reserve Per Hour 160.49

Direct Cost per Flight Hour 147.06

TOTAL OPERATING COST PER HOUR \$ 348.49

OPERATING COST-PER-ROAD MILE

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

$$\$348.49 \div 140 \div 1.5 = \$1.66 \text{ per Road Mile}$$

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.