

R66 Turbine

ESTIMATED OPERATING COSTS

Price of R66 Turbine with optional Garmin 420W GPS/COM 1 \$ 810,300

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 16,316

FIXED COST PER YEAR \$ 19,388

RESERVE FOR OVERHAUL

2000 Hour Engine Overhaul (\$107,640 RHC exchange) \$ 53.82

2000 Hour Aircraft Overhaul Parts Kit (\$134,600) 67.30

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

Labor (240 Manhours @ \$75 per hour) 9.00

RESERVE PER HOUR \$ 130.12

DIRECT OPERATING COST

Fuel @ \$4.75 per gallon and 23.0 gph for average use \$ 109.25

Oil .50

Periodic Inspections, Labor @ \$75 per hour 12.00

Unscheduled Maintenance, Parts and Labor @ \$75 per hour 8.83

DIRECT OPERATING COST PER HOUR \$ 130.58

TOTAL OPERATING COST

Fixed Cost per Flight Hour Based on 500 Hours per Year \$ 38.78

Overhaul Reserve Per Hour 130.12

Direct Cost per Flight Hour 130.58

TOTAL OPERATING COST PER HOUR \$ 299.48

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 23 gph.

$$\$299.48 \div 140 \div 1.5 = \$1.43 \text{ per Road Mile}$$

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.