

R66 Turbine

ESTIMATED OPERATING COSTS

Price of R66 Turbine with optional Garmin 420W GPS/COM 1 \$ 795,300

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 16,089

FIXED COST PER YEAR \$ 19,161

RESERVE FOR OVERHAUL

2000 Hour Engine Overhaul (\$104,500 RHC exchange) \$ 52.25

2000 Hour Aircraft Overhaul Parts Kit (\$132,000) 66.00

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

Labor (240 Manhours @ \$70 per hour) 8.40

RESERVE PER HOUR \$ 126.65

DIRECT OPERATING COST

Fuel @ \$4.50 per gallon and 23.0 gph for average use \$ 103.50

Oil .50

Periodic Inspections, Labor @ \$70 per hour 11.20

Unscheduled Maintenance, Parts and Labor @ \$70 per hour 8.24

DIRECT OPERATING COST PER HOUR \$ 123.44

TOTAL OPERATING COST

Fixed Cost per Flight Hour Based on 500 Hours per Year \$ 38.32

Overhaul Reserve Per Hour 126.65

Direct Cost per Flight Hour 123.44

TOTAL OPERATING COST PER HOUR \$ 288.41

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.

$$\$288.41 \div 140 \div 1.5 = 1.37 \text{ Cents per Road Mile}$$

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.