

## *R66 Turbine*

# *2017 Estimated Operating Costs*

Price of R66 Turbine with optional Garmin GTN 625 GPS \$ 891,700

### **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 17,554

FIXED COST PER YEAR \$ 20,626

### **RESERVE FOR OVERHAUL**

2000 Hour Engine Periodic Maintenance Interval \$ 70.07

2000 Hour Aircraft Overhaul Parts Kit (\$165,000) 82.50

(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 \$ 163.97

### **DIRECT OPERATING COST**

Fuel @ 4.95 per gallon and 22.0 gph for average use \$ 108.90

Oil .60

Periodic Inspections, Labor @ \$95 per hour 17.10

Unscheduled Maintenance, Parts and Labor @ \$95 per hour 10.50

DIRECT OPERATING COST PER HOUR \$ 136.50

### **TOTAL OPERATING COST**

Fixed Cost per Flight Hour Based on 500 Hours per Year \$ 41.25

Overhaul Reserve Per Hour 163.97

Direct Cost per Flight Hour 136.50

TOTAL OPERATING COST PER HOUR \$ 341.72

### **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.

$$\$341.72 \div 140 \div 1.5 = \$1.63 \text{ per Road Mile}$$

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.