

## *R22 Beta II Estimated Operating Costs*

Price of R22 Beta II with optional heater and Avidyne IFD440 GPS/COM (Exchange) \$ 328,200

### **FIXED ANNUAL COSTS**

Depreciation (Negligible, freshly overhauled R22s typically sell for more than original costs) \$ N/A

Insurance based on a pilot with 200 hours logged helicopter time, including 40 PIC hours in an R22, with a good safety record and RHC Safety Course Certificate

Liability Insurance 1,920

Hull Insurance 6,428

FIXED COST PER YEAR \$ 8,348

### **RESERVE FOR OVERHAUL**

2200 Hour Engine Overhaul (\$32,000 RHC exchange) \$ 14.55

2200 Hour Aircraft Overhaul Parts Kit (\$93,000) 42.27

(Includes new bearings, seals, belts, etc., and life-limited components with less than 2200 hours remaining.)

Labor (225 Manhours @ \$115 per hour) 11.76

RESERVE PER HOUR \$ 68.58

### **DIRECT OPERATING COST**

Fuel @ \$6.09 per gallon and 8.0 gph for average use \$ 48.72

Oil .95

Periodic Inspections, Labor @ \$115 per hour 16.10

Unscheduled Maintenance, Parts and Labor @ \$115 per hour 8.77

DIRECT OPERATING COST PER HOUR \$ 74.54

### **TOTAL OPERATING COST**

Fixed Cost per Flight Hour Based on 500 Hours per Year \$ 16.70

Overhaul Reserve Per Hour 68.58

Direct Cost per Flight Hour 74.54

TOTAL OPERATING COST PER HOUR \$ 159.82

### **OPERATING COST-PER-ROAD MILE**

Assume one air mile (straight line path) equals 1.5 road miles, and assume an average cruise speed of 110 miles per hour with a cruise fuel consumption of 9.5 gph.

$$\$168.96 \div 110 \div 1.5 = \$1.02 \text{ per Road Mile}$$

This total operating cost-per-mile compares favorably with some expensive automobiles, and will usually be lower when the value of time saved is considered.

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.