



## R22 Estimated Operating Cost – July 2025

Price of R22 with Standard Equipment	\$375,000
--------------------------------------	-----------

### **FIXED ANNUAL COSTS**

Depreciation (Negligible, freshly overhauled R22s 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 R22, with a good safety record and RHC Safety Course Certificate

Liability Insurance	1,920
---------------------	-------

Hull Insurance	<u>7,496</u>
----------------	--------------

FIXED COST PER YEAR	\$ 9,416
---------------------	----------

### **RESERVE FOR OVERHAUL**

2200 Hour Engine Overhaul (\$53,400 RHC exchange)	\$ 24.27
---------------------------------------------------	----------

2200 Hour Aircraft Overhaul Parts Kit (\$111,400)	50.63
---------------------------------------------------	-------

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

Labor (225 Manhours at \$125 per hour)	<u>12.78</u>
----------------------------------------	--------------

RESERVE PER HOUR	87.68
------------------	-------

### **DIRECT OPERATING COST**

Fuel @ \$6.05 per gallon and 8.0 gph for average use	\$ 48.40
------------------------------------------------------	----------

Oil	1.80
-----	------

Periodic Inspections, Labor @ \$125 per hour	38.35
----------------------------------------------	-------

Unscheduled Maintenance, Parts and Labor @ \$125 per hour	<u>9.53</u>
-----------------------------------------------------------	-------------

DIRECT OPERATION COST PER HOUR	\$ 98.08
--------------------------------	----------

### **TOTAL OPERATING COST**

Fixed Cost per Flight Hour Based on 500 Hours per Year	\$ 18.83
--------------------------------------------------------	----------

Overhaul Reserve per Hour	87.68
---------------------------	-------

Direct Cost per Flight Hour	<u>98.08</u>
-----------------------------	--------------

TOTAL OPERATING COST PER HOUR	\$ 204.59
-------------------------------	-----------

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

Assume one air mile (straight line path) equals 1.5 miles and assume an average cruise speed of 110 miles per hour with cruise fuel consumption of 8.0 gph.

$$\text{\$204.59} \div 110 \div 1.5 = \text{\$1.24 per Road Mile}$$

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 is not a guarantee of actual costs. Referenced prices are subject to change without notice. Transportation costs and local taxes are not included.