



# R44 Raven II Estimated Operating Cost – July 2025

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| Price of R44 RAVEN II with Standard Equipment | \$615,500 |
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## **FIXED ANNUAL COSTS**

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| Depreciation (Negligible, freshly overhauled R44s are expected to sell for original costs) | \$ N/A |
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Insurance based on a pilot with 200 hours logged helicopter time, including 40 PIC hours in an R44, with a good safety record and RHC Safety Course Certificate

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| Liability Insurance | 2,560 |
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| Hull Insurance | <u>11,575</u> |
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| FIXED COST PER YEAR | \$ 14,135 |
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## **RESERVE FOR OVERHAUL**

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|---|----------|
| 2200 Hour Engine Overhaul (\$85,700 RHC exchange) | \$ 38.95 |
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| 2200 Hour Aircraft Overhaul Parts Kit (\$197,300) | 89.68 |
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(Includes new bearings, seals, belts, etc., and life limited components with less than 2200 hours remaining.)

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| <u>12.78</u> |
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| Labor (225 Manhours at \$125 per hour) |  |
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| <del>RESERVE PER HOUR</del> | \$ 141.41 |
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## **DIRECT OPERATING COST**

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| Fuel @ \$6.05 per gallon and 15.0 gph for average use | \$ 98.70 |
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| Oil | 2.60 |
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| Periodic Inspections, Labor @ \$125 per hour | 37.50 |
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| Unscheduled Maintenance, Parts and Labor @ \$125 per hour | <u>13.80</u> |
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| DIRECT OPERATION COST PER HOUR | \$ 152.60 |
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## **TOTAL OPERATING COST**

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| Fixed Cost per Flight Hour Based on 500 Hours per Year | \$ 28.27 |
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| Overhaul Reserve per Hour | 141.41 |
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| Direct Cost per Flight Hour | <u>152.60</u> |
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| TOTAL OPERATING COST PER HOUR | \$ 322.28 |
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## **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 15.0 gph.

$$\$322.28 \div 110 \div 1.5 = \$1.95 \text{ per Road Mile}$$

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