



R66 NxG Palo Verde Estimated Operating Cost – July

Price of R66 NxG PALO VERDE with Standard Equipment	\$1,489,000
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FIXED ANNUAL COSTS

Depreciation (Negligible, freshly overhauled R66s 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 R66, with a good safety record and RHC Safety Course Certificate

Liability Insurance	3,072
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Hull Insurance	<u>22,535</u>
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FIXED COST PER YEAR	\$ 25,607
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RESERVE FOR OVERHAUL

2000 Hour Engine Periodic Maintenance Interval	\$ 92.93
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2000 Hour Aircraft Overhaul Parts Kit (\$119,000)	59.50
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4000 Hour TailCone / Stab Kit (\$19,700)	4.93
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Labor (225 Manhours at \$125 per hour)	<u>14.06</u>
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RESERVE PER HOUR	\$ 171.42
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DIRECT OPERATING COST

Fuel @ \$6.05 per gallon and 22.0 gph for average use	\$ 145.68
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Oil	0.61
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Periodic Inspections, Labor @ \$125 per hour	33.75
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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	\$ 194.02
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TOTAL OPERATING COST

Fixed Cost per Flight Hour Based on 500 Hours per Year	\$ 51.21
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Overhaul Reserve per Hour	171.42
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Direct Cost per Flight Hour	<u>194.02</u>
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TOTAL OPERATING COST PER HOUR	\$ 416.65
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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 130 miles per hour with cruise fuel consumption of 22.0 gph.

$$\$416.65 \div 130 \div 1.5 = \$2.14 \text{ per Road Mile}$$

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.