



Cabri G2 Direct Operating Cost USA 2024

Notes

<p>This estimate is made on a fair basis, for Information only. In no case it could tie Helicopteres Guimbal.</p> <p>Required time for inspections are considered for experienced mechanics. They exclude defects correction, aircraft washing and paperwork.</p> <p>All prices are tax excluded.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: left;">Labor and Consumable Cost Base</th> </tr> </thead> <tbody> <tr> <td>Labor</td> <td style="text-align: right;">95,0 \$/h</td> </tr> <tr> <td>AVGAS</td> <td style="text-align: right;">5 \$/Gal</td> </tr> <tr> <td>Oil</td> <td style="text-align: right;">12 \$/Qt</td> </tr> <tr> <td>€ / \$ Rate Jan 2024</td> <td style="text-align: right;">1,09</td> </tr> </tbody> </table>	Labor and Consumable Cost Base		Labor	95,0 \$/h	AVGAS	5 \$/Gal	Oil	12 \$/Qt	€ / \$ Rate Jan 2024	1,09
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Scheduled Maintenance

	Periodicity	Parts Kit	Labor	Total Cost	Hourly Cost
50-hour Inspection	50 h	142 \$	4 h	522 \$	5,4 \$/fl.hr
100-hour Inspection	100 h	300 \$	16 h	1 820 \$	14,9 \$/fl.hr
Sparkplugs Replacement	200 h	364 \$	-	364 \$	1,8 \$/fl.hr
Lycoming SB 388	300 h	-	4 h	380 \$	1,3 \$/fl.hr
500-hour Inspection	500 h	1 071 \$	28 h	3 731 \$	7,5 \$/fl.hr
					30,9 \$/fl.hr

Unscheduled Maintenance

	Periodicity	Parts Cost	Labor	Total Cost	Hourly Cost
Average Wearing		<i>See Table Next Page</i>			18,2 \$/fl.hr
Provision for SB & Unexpected		<i>Fair Estimation</i>			10,0 \$/fl.hr
					28,2 \$/fl.hr

Provision for Flight Hour-Limited Equipment

	Limit	Parts Cost	Labor	Total Cost	Hourly Cost
Engine Overhaul	2 200 h	35 000 \$	45 h	39 275 \$	17,9 \$/fl.hr
MGB Overhaul*	2 200 h	18 748 \$	12 h	19 888 \$	9,0 \$/fl.hr
TGB Overhaul	2 200 h	6 377 \$	6 h	6 947 \$	3,2 \$/fl.hr
Swashplate Overhaul**	6 600 h	4 197 \$	-	4 197 \$	0,6 \$/fl.hr
					30,7 \$/fl.hr

* with engine removed

** with MGB removed

Provision for Time-Limited Equipment

	Limit	Parts Cost	Labor	Total Cost	Yearly Cost
Fuel Bladder	15 Years	15 391 \$	8 h	16 151 \$	1 077 \$/Year
					1 077 \$/Year

Fuel & Oil Consumption

	Hourly Cons.	Hourly Cost
AVGAS	11 Gal/fl.hr	55,0 \$/fl.hr
Engine Oil	0,1 Qt/fl.hr	1,2 \$/fl.hr
		56,2 \$/fl.hr

Yearly Fixed Costs

	Yearly Cost
Insurance Hull + Liability (multi-pilot, training, average)	30 000 \$/Year
30 000 \$/Year	

Direct Operating Cost

Flight Hours per Year	150 h	500 h	1000 h
Yearly Fixed Cost per Hour	207 \$/fl.hr	62 \$/fl.hr	31 \$/fl.hr
Total Direct Cost	353 \$/fl.hr	208 \$/fl.hr	177 \$/fl.hr



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Estimated Average Wearing					
	Periodicity	Parts Cost	Labor	Total Cost	Hourly Cost
Muffler Refurbishment	500 h	311 \$	4 h	691 \$	1,4 \$/fl.hr
Belt Replacement	1 000 h	382 \$	4 h	762 \$	0,8 \$/fl.hr
Lead Lag Damper Rod-Ends	1 000 h	3 237 \$	3 h	3 522 \$	3,5 \$/fl.hr
Pitch Links Rod-Ends	1 000 h	1 063 \$	3 h	1 348 \$	1,3 \$/fl.hr
Pitch Links	3 000 h	6 050 \$	3 h	6 335 \$	2,1 \$/fl.hr
Elastomerics	4 400 h	18 639 \$	6 h	19 209 \$	4,4 \$/fl.hr
Skid Shoes	1 000 h	1 504 \$	2 h	1 694 \$	1,7 \$/fl.hr
Misc	2 200 h	-	-	5 000 \$	2,3 \$/fl.hr
Battery	1 000 h	627 \$	0,25 h	651 \$	0,7 \$/fl.hr
					18,2 \$/fl.hr

Note: The above periods are average, based on experience. Actual figures may significantly vary, depending on the usage.

Scheduled Maintenance Parts Kit				
	Price	Periodicity	Parts Kit Summary	
Engine Oil	72 \$	50 h	50 h Parts Kit	142 \$
Oil Filter	69 \$	50 h	100 h Parts Kit	300 \$
Screen Gasket	1 \$	50 h	200 h Parts Kit	364 \$
Air Filter	158 \$	100 h	500 h Parts Kit	1 071 \$
Lycoming Sparkplugs	257 \$	200 h	2200 h Parts Kit	5 454 \$
Plasma Sparkplugs	107 \$	200 h		
Gearbox Oil	21 \$	500 h		
Magneto 500 h Inspection	750 \$	500 h		
Alternator Belt	25 \$	2 200 h		
Engine Pulley Bearing	218 \$	2 200 h		
Cooling Skirts	1 526 \$	2 200 h		
Misc	3 000 \$	2 200 h		