



Cabri G2 Direct Operating Cost USA 2023

Notes

This estimate is made on a fair basis, for Information only. In no case it could tie Helicopteres Guimbal. Required time for inspections are considered for experienced mechanics. They exclude defects correction, aircraft washing and paperwork. All prices are tax excluded.	Labor and Consumable Cost Base	
	Labor	90,0 \$/h
	AVGAS	6,5 \$/Gal
	Oil	12 \$/Qt
	€ / \$ Rate Feb 2023	1,07

Scheduled Maintenance

	Periodicity	Parts Kit	Labor	Total Cost	Hourly Cost
50-hour Inspection	50 h	130 \$	4 h	490 \$	5,1 \$/fl.hr
100-hour Inspection	100 h	242 \$	16 h	1 682 \$	13,8 \$/fl.hr
Sparkplugs Replacement	200 h	347 \$	-	347 \$	1,7 \$/fl.hr
Lycoming SB 388	300 h	-	4 h	360 \$	1,2 \$/fl.hr
500-hour Inspection	500 h	1 013 \$	28 h	3 533 \$	7,1 \$/fl.hr
					28,9 \$/fl.hr

Unscheduled Maintenance

	Periodicity	Parts Cost	Labor	Total Cost	Hourly Cost
Average Wearing		<i>See Table Next Page</i>			15,5 \$/fl.hr
Provision for SB & Unexpected		<i>Fair Estimation</i>			10,0 \$/fl.hr
					25,5 \$/fl.hr

Provision for Flight Hour-Limited Equipment

	Limit	Parts Cost	Labor	Total Cost	Hourly Cost
Engine Overhaul	2 200 h	25 000 \$	45 h	29 050 \$	13,2 \$/fl.hr
MGB Overhaul*	2 200 h	17 714 \$	12 h	18 794 \$	8,5 \$/fl.hr
TGB Overhaul	2 200 h	6 062 \$	6 h	6 602 \$	3,0 \$/fl.hr
Swashplate Overhaul**	6 600 h	3 825 \$	-	3 825 \$	0,6 \$/fl.hr
					25,3 \$/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	13 857 \$	8 h	14 577 \$	972 \$/Year
					972 \$/Year

Fuel & Oil Consumption

	Hourly Cons.	Hourly Cost
AVGAS	11 Gal/fl.hr	71,5 \$/fl.hr
Engine Oil	0,1 Qt/fl.hr	1,2 \$/fl.hr
		72,7 \$/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	206 \$/fl.hr	62 \$/fl.hr	31 \$/fl.hr
Total Direct Cost	359 \$/fl.hr	214 \$/fl.hr	183 \$/fl.hr



Cabri G2 Direct Operating Cost USA 2023

Estimated Average Wearing					
	Periodicity	Parts Cost	Labor	Total Cost	Hourly Cost
Muffler Refurbishment	500 h	262 \$	4 h	622 \$	1,2 \$/fl.hr
Belt Replacement	1 000 h	375 \$	4 h	735 \$	0,7 \$/fl.hr
Lead Lag Damper Rod-Ends	1 000 h	2 729 \$	3 h	2 999 \$	3,0 \$/fl.hr
Pitch Links Rod-Ends	1 000 h	883 \$	3 h	1 153 \$	1,2 \$/fl.hr
Pitch Links	3 000 h	5 323 \$	3 h	5 593 \$	1,9 \$/fl.hr
Elastomerics	4 400 h	14 285 \$	6 h	14 825 \$	3,4 \$/fl.hr
Skid Shoes	1 000 h	1 124 \$	2 h	1 304 \$	1,3 \$/fl.hr
Misc	2 200 h	-	-	5 000 \$	2,3 \$/fl.hr
Battery	1 000 h	449 \$	0,25 h	472 \$	0,5 \$/fl.hr
					15,5 \$/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	130 \$
Oil Filter	57 \$	50 h	100 h Parts Kit	242 \$
Screen Gasket	1 \$	50 h	200 h Parts Kit	347 \$
Air Filter	112 \$	100 h	500 h Parts Kit	1 013 \$
Lycoming Sparkplugs	246 \$	200 h	2200 h Parts Kit	5 220 \$
Plasma Sparkplugs	101 \$	200 h		
Gearbox Oil	20 \$	500 h		
Magneto 500 h Inspection	750 \$	500 h		
Alternator Belt	21 \$	2 200 h		
Engine Pulley Bearing	198 \$	2 200 h		
Cooling Skirts	1 391 \$	2 200 h		
Misc	3 000 \$	2 200 h		