



Cabri G2 Direct Operating Cost Europe 2017

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	75.0 €/h
	AVGAS	1.5 €/L
	Oil	8.5 €/L

Scheduled Maintenance

	Periodicity	Parts Kit	Labor	Total Cost	Hourly Cost
50-hour Inspection	50 h	82 €	4 h	382 €	7.6 €/fl.hr
100-hour Inspection	100 h	95 €	12 h	995 €	10.0 €/fl.hr
Sparkplugs Replacement	200 h	232 €	-	232 €	1.2 €/fl.hr
Lycoming SB 388	300 h	-	4 h	300 €	1.0 €/fl.hr
500-hour Inspection	500 h	355 €	25 h	2 230 €	4.5 €/fl.hr
					24.3 €/fl.hr

Unscheduled Maintenance

	Periodicity	Parts Cost	Labor	Total Cost	Hourly Cost
Average Wearing		<i>See Table Next Page</i>			14.0 €/fl.hr
Provision for SBs	100 h	150 €	2 h	300 €	3.0 €/fl.hr
Provision for Unexpected		<i>Fair Estimation</i>			7.5 €/fl.hr
					24.5 €/fl.hr

Provision for Flight Hour-Limited Equipment

	Limit	Parts Cost	Labor	Total Cost	Hourly Cost
Engine Overhaul - Exchange	2 200 h	18 000 €	20 h	19 500 €	8.9 €/fl.hr
Engine Overhaul Parts Kit	2 200 h	3 340 €	4 h	3 640 €	1.7 €/fl.hr
Magneto Overhaul	2 200 h	800 €	2 h	950 €	0.4 €/fl.hr
MGB Overhaul (w/ engine)	2 200 h	15 050 €	12 h	15 950 €	7.3 €/fl.hr
TGB Overhaul	2 200 h	4 850 €	6 h	5 300 €	2.4 €/fl.hr
					20.7 €/fl.hr

Provision for Time-Limited Equipment

	Limit	Parts Cost	Labor	Total Cost	Yearly Cost
Fuel Bladder	15 Years	11 950 €	4 h	12 250 €	817 €/Year
Seat Belts	12 Years	1 890 €	2 h	2 040 €	170 €/Year
					987 €/Year

Fuel & Oil Consumption

	Hourly Cons.	Hourly Cost
AVGAS	38 L/fl.hr	57.0 €/fl.hr
Engine Oil	0.1 L/fl.hr	0.9 €/fl.hr
		57.9 €/fl.hr

Yearly Fixed Costs

	Yearly Cost
CAMO	1 250 €/Year
Insurance Hull + Liability (multi-pilot, training, average)	10 000 €/Year
11 250 €/Year	

Direct Operating Cost

Flight Hours per Year	250 h	500 h	750 h	1000 h
Yearly Fixed Cost per Hour	49 €/fl.hr	24 €/fl.hr	16 €/fl.hr	12 €/fl.hr
Total Direct Cost	176 €/fl.hr	152 €/fl.hr	144 €/fl.hr	140 €/fl.hr



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Estimated Average Wearing					
	Periodicity	Parts Cost	Labor	Total Cost	Hourly Cost
Muffler Refurbishment	500 h	215 €	4 h	515 €	1.0 €/fl.hr
Belt Replacement	1 500 h	350 €	4 h	650 €	0.4 €/fl.hr
Lead Lag Damper Rod-Ends	1 000 h	2 850 €	3 h	3 075 €	3.1 €/fl.hr
Pitch Links Rod-Ends	1 000 h	750 €	4 h	1 050 €	1.1 €/fl.hr
Pitch Links	3 000 h	2 640 €	4 h	2 940 €	1.0 €/fl.hr
Elastomerics	4 400 h	12 525 €	4 h	12 825 €	2.9 €/fl.hr
Skid Shoes	1 500 h	1 050 €	2 h	1 200 €	0.8 €/fl.hr
Cosmetic	2 200 h	-	-	7 500 €	3.4 €/fl.hr
Battery	1 200 h	315 €	0.5 h	315 €	0.3 €/fl.hr
					14.0 €/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	51 €	50 h	50 h Parts Kit	82 €
Oil Filter	30 €	50 h	100 h Parts Kit	95 €
Screen Gasket	1 €	50 h	200 h Parts Kit	232 €
Air Filter	95 €	100 h	500 h Parts Kit	355 €
Lycoming Sparkplugs	138 €	200 h	2200 h Parts Kit	3 340 €
Plasma Sparkplugs	94 €	200 h		
Gearbox Oil	55 €	500 h		
Magneto Inspection	300 €	500 h		
Magneto Harnesses	205 €	2 200 h		
Plasma harness	250 €	2 200 h		
Alternator Belt	20 €	2 200 h		
Engine Pulley Bearing	185 €	2 200 h		
Cooling Skirts	1 180 €	2 200 h		
Misc	1 500 €	2 200 h		