



CAMS, Inc.

14421 Airport Parkway
Clearwater, Florida
33762

Estimate

Date	Estimate #
3/2/2005	94

Name / Address
Pinellas Pilots Association PO BOX 861 Safety Harbor, FL 34565

Contact		Email		Registration #
				N7100Q
Qty	Item	Description	Rate	Total
1	Labor	Annual inspection and logbook updates	950.00	950.00
	Credit	Discount per Matt Malouf	-200.00	-200.00
0.2	Labor	Make placard and install for standby vacuum system	55.00	11.00
0.3	Labor	Troubleshoot inoperative ammeter post light	55.00	16.50
1	Labor	Troubleshoot inoperative ELT reset switch	55.00	55.00
0.3	Labor	Adjust vacuum regulator IAW maintenance manual	55.00	16.50
0.5	Labor	Adjust flap indicator to show proper position	55.00	27.50
1	Labor	Change oil and filter, service with Aeroshell 100	55.00	55.00
0	50w	Aeroshell 100 Detergent Oil (customer-supplied)	0.00	0.00
1	CH48110	Oil filter	26.95	26.95
2.5	Labor	Remove propeller and replace crankshaft seal	55.00	137.50
0.5	Labor	Seal lower crankcase and 2 small bolts	55.00	27.50
0.4	Labor	Tighten oil return tube hose clamp	55.00	22.00
1	Labor	Install pilot seat roller repair kit	55.00	55.00
0.5	Labor	Tighten nose gear scissors as necessary	55.00	27.50
2	Labor	Replace both steering rod boots with new boots	55.00	110.00
1	Labor	Make repairs to broken carb heat pickup shroud tab	55.00	55.00
3	Labor	R&R carb heat air box, drill and replace rivets at carb heat bracket, repair carb heat arm and bolt, replace carb heat blast hose	55.00	165.00
0.2	Labor	Replace oil cooler blast hose	55.00	11.00
			Subtotal	
			Sales Tax	
			Total	

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2	Labor	Replace rivets on top cowling with screws and nuts, clean out corrosion, shim rear shock mounts on RH side	55.00	110.00
3	Labor	Replace 2 lower engine shock mounts with new mounts	55.00	165.00
0.5	Labor	Perform static tach test (reads 100 rpm low)	55.00	27.50
1	Outside Labor	Send propeller for outside repairs to re-pitch & balance prop	150.00	150.00
1	Freight	Shipping	30.00	30.00
0.5	Labor	Re-dress propeller blades	55.00	27.50
0.5	Labor	Replace torn baffle seal on forward LH side	55.00	27.50
0.2	Labor	Replace air filter element	55.00	11.00
0.5	Labor	C/W AD 96-02-06, Air filter housing, new housing installed BA5110 Rev. H, AD not applicable	55.00	27.50
0.5	Labor	Replace worn throttle rod end with new	55.00	27.50
0.5	Labor	Tie-wrap loose wires in engine compartment	55.00	27.50
0.5	Labor	Replace anti-chafe button on LH flap and inboard RH flap	55.00	27.50
1	Labor	Replace LH main tire	55.00	55.00
4	Labor	Adjust and make repairs to flap motor limit switch to prevent flaps from jamming on flap track and adjust cables on RH flap	55.00	220.00
2	Labor	Remove RH aft door post fuel line and install properly, adjust lower fuel line to prevent chafing against bulkhead	55.00	110.00
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4	Labor	Re-route wing tip strobe light wiring properly (high voltage wiring was installed on top of flooring and tie-wrapped against fuel line) Note: (If you would like to go with power packs in wing tips and buy one more, I will give you \$150 for the power pack that you have)	55.00	220.00
3	Labor	R&R headliner	55.00	165.00
1	Part	Seat roller kit	80.50	80.50
1.5	Labor	Check elevator and rudder cable trim (Call customer if they are out of rig)	55.00	82.50
1	Labor	Replace defrost and cabin air blast hoses under panel	55.00	55.00
1	Labor	Tie-wrap loose wiring under panel and under floors	55.00	55.00
0.5	Labor	File pilot seat tracks as necessary	55.00	27.50
1	Labor	Replace worn RH aileron rod end with new	55.00	55.00
0.5	Labor	Replace RH aileron inboard and middle hinge pins properly	55.00	27.50
0.3	Labor	Repair splice in wire by flap transmission	55.00	16.50
1	Labor	Remove encoder and send for repairs	55.00	55.00
1	Outside Labor	Repair of encoder and coupling of auto-pilot to GPS (Call customer to inform if auto-pilot repairs will exceed \$60)	120.00	120.00
1	Labor	Remove DG and send for repairs, install loaner	55.00	55.00
1	Outside Labor	Estimated overhaul repairs of DG by avionics shop	375.00	375.00
3	Labor	Replace all vacuum system hoses under panel with proper hoses	55.00	165.00
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1	LW13792	Seal	18.15	18.15
2	MC0543015-6	Steering rod boot	72.28	144.56
2	J9613-49	Lower shock mount	111.41	222.82
1	BA6108	Air filter element	17.10	17.10
1	S1106-3	Rod end	27.25	27.25
1	J-7444-14	Cowl shock mount	11.95	11.95
1	S1104-3	Rod end	16.75	16.75
1	600-6-6 Condor	Tires	62.19	62.19
4	S1093-1	Anti-chafe button	0.35	1.40
8	S1084-1	Baggage door seal	6.95	55.60
1	Shop Fee	Misc. shop supplies, cleaners, and lubricants (1.5%)	67.74	67.74
		Note: Turn and bank indicator needed. \$225 for loaner that is installed		
			Subtotal	\$4,812.46
			Sales Tax	\$0.00
			Total	\$4,812.46

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