ECONOMICS

Estimated Operating Cost[1]

For a Typical 200 Nautical Mile Trip

	Skyhawk SP	Skyhawk TD
Average Speed (knots) [2]	107	115
Average Fuel Burn (gallons/hour) [2]	10	7
Maintenance Labor Hours (per flight hour) [3]	0.42	0.42
Operating Cost per Flight Hour		
Fuel (Av Gas = $4.50; Jet A = $4.00 per gallon)	$ 45.00	$ 28.00
Oil	$ 0.99	$ 0.66
Maintenance		
Labor ($70.00 per hour) [3]	$ 29.40	$ 29.40
Parts [4]	$ 12.22	$ 17.01
Engine Reserve [5]	$ 13.95	$ 20.22
Propeller Reserve [6]	$ 0.25	$ 1.10
Total Cost per Flight Hour	**$ 101.81**	**$ 96.39**

1. This operating cost analysis is only an estimate. Actual operating cost will be dependent on individual operating and maintenance practices, utilization, environmental conditions, equipment installed, and will vary by geographical region.
2. Developed from Cessna's Pilot Operating Handbook for the stage length shown. Average Speed and Average Fuel Burn includes the climb, cruise, and descent portions of the trip.
3. Labor hours represent estimates for scheduled and unscheduled maintenance requirements for the airframe, avionics, and routine engine maintenance. Labor hours will be less during the warranty period.
4. Parts costs represent estimates for both normal wear items as well as repairs. Parts costs will be less during the warranty period.
5. Engine Reserve is an allowance to cover the cost of overhauling or replacing the engine at the required inspection interval. This allowance is based on the cost of a factory overhauled engine from the engine manufacturer.
6. Propeller Reserve is an allowance to cover the cost of overhauling or replacing the propeller at the required inspection interval.