

## Estimated Direct Operating Cost Per Hour (Based upon year 2007US \$)

	C20B Engine	C20RS Engine
<b>Fuel and Lubricants <sup>1</sup>:</b>		
Fuel @ \$4.98er gallon @ approx. 27 gallons per hour.	\$ 134.46	\$ 139.44
Lubricants @ 3% of fuel	\$ 4.03	\$ 4.18
Total Fuel .....	\$ 138.49	\$ 143.62
<b>Airframe Maintenance and Spares<sup>2</sup>:</b>		
Maintenance labor costs:		
Scheduled (.15 Manhours/Flight Hours) @ \$75.00/Hour*	\$ 11.25	\$ 11.25
Unscheduled (.26 Manhours/Flight Hours) @ \$75.00/Hour*	\$ 19.50	\$ 19.50
Spares Cost:		
Scheduled (Inspection) Parts: Used during periodic inspection i.e. filters, seals, o-rings, etc .....	\$ 5.78	\$ 5.78
On-Condition/Unscheduled Part .....	\$ 20.11	\$ 20.11
Reserves: Component Overhaul (TBO).....	\$ 26.58	\$ 26.58
Reserves: Limited-Life Parts .....	\$ 33.21	\$ 31.70
Total Airframe Cost .....	\$ 116.43	\$114.92
<b>Engine<sup>3</sup>:</b>		
Scheduled maintenance labor and parts .....	\$ 3.00	\$ 3.00
Reserve for engine overhaul, spares and accessories .....	\$ 59.89	\$58.43
Total Engine .....	\$ 62.89	\$ 61.43
<b>Total Direct Operating Cost<sup>4</sup> .....</b>	<b>\$ 317.81</b>	<b>\$ 321.48</b>

1 Fuel cost and labor rate is based on Conklin & deDecker, "The Aircraft Cost Evaluator", Fall 2005

Average cost while operating under the following conditions:

Gross Weight: 10% less than maximum certified

Speed: Maximum Range Speed, 117 KIAS

Altitude: 1,000 feet on a standard day

2 Overhaul costs are based on participation in factory exchange program

3 Engine fleet maintenance costs provided by Rolls-Royce Engine Company

4 Indirect costs such as insurance, hangar, salary, etc., are excluded

Cost figures shown are extrapolated from a broad database and are intended for example purposes only. Actual costs will vary, depending on local operating condition, pricing and supplier practices. We encourage you top compare these figures with other manufacturers, using the same unit costs for fuel, labor, etc.