

MD 600N®

DIRECT OPERATING COST

6.0 DIRECT OPERATING COST.

MD 600N

Estimated Direct Operating Cost Per Hour

(Based Upon Year 2008 \$US)

	<u>C47M Engine</u>
Fuel and Lubricants¹	
Fuel @ \$5.80* per gallon @ approximately 41 gallons/hour	\$237.80
Lubricants @ 3% of fuel	\$ 7.13
	<u>\$244.93</u>
 Airframe Maintenance and Spares²	
<u>Maintenance Labor Costs:</u>	
Scheduled (.15 Manhours/Flight Hour) @ \$75.00/Hour*	\$ 11.25
Unscheduled (.26 Manhours/Flight Hour) @ \$75.00/Hour*	\$ 19.50
	<u>\$</u>
<u>30.75</u>	
<u>Spares Cost:</u>	
Scheduled (Inspection) Parts: Used during Periodic Inspection i.e., filters, seals, o-rings, etc.	\$ 5.78
On-Condition/Unscheduled Part	\$ 23.89
Reserves: Component Overhaul (TBO)	\$ 59.28
Reserves: Limited Life Parts	\$ 55.29
	<u>\$144.24</u>
 Engine³	
Scheduled maintenance labor & parts	\$ 3.00
Reserve for engine overhaul, spares and accessories	\$ 74.82
	<u>\$ 77.82</u>
 Total Direct Operating Cost⁴	<u>\$497.74</u>

¹ Fuel Cost and labor rate* is based on U.S. Average
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 conditions, pricing and supplier practices. We encourage you to compare these figures with other manufacturers, using the same unit costs for fuel, labor, etc.

MD 600N[®]

DIRECT OPERATING COST

DIRECT OPERATING COST WORKSHEET

Fuel and Lubricants

Fuel @ \$ per gallon @ approx. gallons per hour..... \$ _____
 Lubricants @ _____ % of fuel \$ _____
Total Fuel and Lubricants Cost..... \$ _____(A)

Airframe Maintenance and Spares

Scheduled maintenance labor rate @ \$ _____ per hour
 (Maintenance man-hour/flight hour=\$ _____)..... \$ _____
 Unscheduled maintenance labor rate @ \$ _____ per hour
 (Maintenance man-hour/flight hour=\$ _____) \$ _____
 Scheduled (Inspection) Parts \$ _____
 On-Condition/Unscheduled Part \$ _____
 Reserves: Component Overhaul (TBO) \$ _____
 Reserves: Limited-Life Parts \$ _____
Total Airframe Maintenance and Spares Cost..... \$ _____(B)

Engine

Scheduled maintenance labor rate @ \$ _____ per hour
 (Maintenance man-hour/flight hour=\$ _____) \$ _____
 Unscheduled maintenance labor rate @ \$ _____ per hour
 (Maintenance man-hour/flight hour=\$ _____) \$ _____
 Reserves for engine overhaul and spares \$ _____
Total Engine Cost \$ _____(C)
TOTAL DIRECT OPERATING COST (A+B+C) \$ _____(D)

FIXED OPERATING COST

Depreciation

Hull insurance \$ _____
 Liability insurance \$ _____
 Pilot salary \$ _____
 Hangar rental \$ _____
Total Annual Fixed Operating Cost \$ _____(E)
 Total Hours (_____) flown annually (F) \$ _____(F)
TOTAL FIXED OPERATING COST PER HOUR (E+F) \$ _____(G)
Total Direct Operating Cost Per Hour (from above) \$ _____(D)
TOTAL HOURLY FIXED OPERATING COST (D+G)..... \$ _____