



Lexington-Fayette Urban County
Division of Police
MEMORANDUM
Lexington, Kentucky

DATE OF ISSUE

11/08/2011

EFFECTIVE DATE

NUMBER

TO: Commander Kelly Edwards Special Operations	SUBJECT: Jet turbine maintenance & overhaul on Police Helicopter
FROM: Sgt. Pat Murray Air Support Unit	

Once every 3500 hours of operation, the police helicopter's jet turbine is due for maintenance & overhaul. Currently, we have 37 hours left on the turbine before it's due for maintenance.

The break down on cost is described below:

Compressor overhaul, new impeller, OH case halves, overhaul wheels if they pass inspection:	\$36,504.00.
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Turbine overhaul, all new wheels, containment ring mod, enhancement kit, all new nozzles (3 and 4 wheels/nozzles are part of enhancement kit):	\$94,395.00
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If the turbine does not need 3 and 4 wheel change, average price drops considerably as the enhancement kit does not have to be complied with, down to approximately This reflects converting it to a C20B.	\$63,720.00.
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The maximum amount could run as high as \$95,000.

Should you have any questions, please contact me as soon as possible.

Sgt. Pat Murray
Air Support Unit