



U.S. Department
of Transportation
**Federal Aviation
Administration**

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FAA NTSB COUNSEL

Mike Monroney
Aeronautical Center

P.O. Box 25082
Oklahoma City, Oklahoma 73125

Thursday, January 12, 2012

National Transportation Safety Board
Du Page Airport, 31 West 775 North Avenue
West Chicago, IL 60185

ACCIDENT # 0233	INDIVIDUAL#: 001	NAME: LOGGHE, DAN	MODE: AVIATION
DATE OF ACCIDENT 09/23/2011	DATE RECEIVED 10/06/2011	PUTREFACTION: Yes	
N # 8324F	NTSB # CEN11FA666	CAMI REF # 201100233001	
LOCATION OF ACCIDENT Curren, MI			
SPECIMENS Blood, Gastric, Heart, Kidney, Liver, Lung, Muscle, Spleen, Unknown			

FINAL FORENSIC TOXICOLOGY FATAL ACCIDENT REPORT

CARBON MONOXIDE: The carboxyhemoglobin (COHb) saturation is determined by gas chromatography TCD with a 10% cut off.

>> NO CARBON MONOXIDE detected in Blood

CYANIDE: The presence of cyanide is screened by Conway Diffusion. Positive cyanides are quantitated by spectrophotometry and confirmed by chromatography. The reporting cutoff for cyanide is 0.25 ug/mL. Normal blood cyanide concentrations are less than 0.15 ug/mL, while lethal concentrations are greater than 3 ug/mL.

>> NO CYANIDE detected in Blood

VOLATILES: The volatile concentrations are determined by headspace gas chromatography at a cut off of 10 mg/dL. Where possible, positive ethanol values are confirmed by Radiative Energy Attenuation.

>> NO ETHANOL detected in Blood

DRUGS: Immunoassay and/or chromatography are used to screen for drugs. GC/Mass Spec, HPLC/Mass Spec, or GC/FTIR is used to confirm most positive results. Concentrations (ug/mL) at or above those in () can be determined for, but not limited to, the following drugs: amphetamines (0.010), opiates (0.010), marihuana (0.001), cocaine (0.020), phencyclidine (0.002), benzodiazepines (0.030), barbiturates (0.060), antidepressants (0.100), and antihistamines (0.020). For comprehensive information concerning all drugs detected by the laboratory, see the CAMI Drug Information Web Site <http://jag.cami.jccbi.gov/toxicology/>.

>> 116.9 (ug/ml, ug/g) Acetaminophen detected in Blood
>> 0.036 (ug/mL, ug/g) Alpha-hydroxyalprazolam detected in Blood
>> 1.09 (ug/ml, ug/g) Benzoylcegonine detected in Blood
>> 2.302 (ug/ml, ug/g) Benzoylcegonine detected in Liver
>> 0.04 (ug/ml, ug/g) Cocaine detected in Blood
>> 0.082 (ug/ml, ug/g) Cocaine detected in Liver
>> Desmethylsildenafil detected in Liver
>> Desmethylsildenafil detected in Blood
>> 0.054 (ug/mL, ug/g) Dihydrocodeine detected in Blood
>> 0.051 (ug/mL, ug/g) Dihydrocodeine detected in Liver
>> 0.039 (ug/ml, ug/g) Diphenhydramine detected in Blood

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CONTINUATION OF REF#: 201100233001 —LOGGHE, DAN

>> Diphenhydramine detected in Liver
>> Ecgonine Methyl Ester detected in Blood
>> Ecgonine Methyl Ester detected in Liver
>> 0.179 (ug/ml, ug/g) Hydrocodone detected in Liver
>> 0.506 (ug/ml, ug/g) Hydrocodone detected in Blood
>> Ibuprofen detected in Blood
>> Pseudoephedrine detected in Blood

Russell Lewis, Ph.D.
TC, FAA, Forensic Toxicology
Research Team CAMI