



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

Mike Monroney
Aeronautical Center

P.O. Box 25082
Oklahoma City, Oklahoma 73125

Monday, October 31, 2016

National Transportation Safety Board
505 South 336th Street, Suite 540
Federal Way, WA 98003

ACCIDENT #	0114	INDIVIDUAL#:	002	NAME:	[REDACTED]	MODE:	AVIATION
DATE OF ACCIDENT	06/10/2016	DATE RECEIVED	06/22/2016	PUTREFACTION:	Yes		
	N # 4SU	NTSB #	WPR16FA124	CAMI REF #	201600114002		
LOCATION OF ACCIDENT	Hawthorne, CA						
SPECIMENS	Blood, Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, Spleen						

FINAL FORENSIC TOXICOLOGY FATAL ACCIDENT REPORT

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

>> NO CARBON MONOXIDE detected in Blood

CYANIDE: The presence of cyanide is screened by Conway Diffusion, when the COHb level is equal to or greater than 10% or upon special request. 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.

>> NOT PERFORMED

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: Specimens are analyzed using immunoassay, chromatography, GC/MS, HPLC/MS, or GC/FTIR. 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), marijuana (0.001), cocaine (0.020), phencyclidine (0.002), benzodiazepines (0.030), barbiturates (0.060), antidepressants (0.100), and antihistamines (0.020). Drugs and/or their metabolites, that are not impairing or abused, may be reported from the initial tests. See the CAMI Drug Information Web Site for additional information (<http://jag.cami.jccbi.gov/toxicology/>).

>> Atorvastatin detected in Liver
>> Cetirizine detected in Liver
>> Cetirizine detected in Muscle
>> Cetirizine detected in Lung
>> Hydroxyzine detected in Liver
>> Hydroxyzine detected in Lung
>> Hydroxyzine detected in Muscle
>> 0.063 (ug/mL, ug/g) Tramadol detected in Blood
>> Warfarin detected in Liver
>> Warfarin detected in Lung
>> Warfarin detected in Muscle

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CONTINUATION OF REF#: 201600114002 - [REDACTED]

[REDACTED]
c=US, o=U.S. Government, ou=AMC, ou=AMC, cn=RUSSELL J
LEWIS
2016.11.03 11:22:25 -05'00'

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