



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

Mike Monroney
Aeronautical Center

P.O. Box 25082
Oklahoma City, Oklahoma 73125

Tuesday, August 29, 2017

National Transportation Safety Board
4760 Oakland Street, Suite 500
Denver, CO 80239

ACCIDENT # 0123	INDIVIDUAL#: 001	NAME: [REDACTED]	MODE: AVIATION
DATE OF ACCIDENT 06/17/2017	DATE RECEIVED 06/21/2017	PUTREFACTION: No	
N # 33778	NTSB # CEN17LA234	CAMI REF # 201700123001	
LOCATION OF ACCIDENT Mount Vernon, OH			
SPECIMENS Bile, Blood (Cavity), Blood (Heart), Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, Spinal Fluid, Spleen, Vitreous			

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.

>> Blood (Cavity) unsuitable for analysis of CARBON MONOXIDE

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 Vitreous

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), marihuana (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://jaq.cami.jccbi.gov/toxicology/>).

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>> Clopidogrel detected in Blood (Cavity)
>> Etomidate detected in Blood (Cavity)
>> Etomidate detected in Liver
>> 0.026 (ug/mL, ug/g) Hydromorphone detected in Blood (Cavity)
>> Lidocaine detected in Liver
>> Lidocaine detected in Blood (Cavity)
>> Metoprolol detected in Liver
>> Metoprolol detected in Blood (Cavity)
>> Ondansetron detected in Blood (Heart)
>> Ondansetron detected in Liver
>> Valsartan detected in Blood (Cavity)
>> Valsartan detected in Liver
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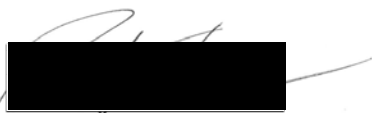
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Tuesday, August 29, 2017

CONTINUATION OF REF#: 201700123001 — [REDACTED]

>> Zolpidem detected in Liver

>> 0.004 (ug/ml, ug/g) Zolpidem detected in Blood (Cavity)


[REDACTED]

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2017.08.29 16:45:01 -05'00'

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