



U.S. Department  
of Transportation  
Federal Aviation  
Administration

Mike Monroney  
Aeronautical Center

P.O. Box 25082  
Oklahoma City, Oklahoma 73125

Wednesday, May 09, 2018

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

Pilot

ACCIDENT # 0057 INDIVIDUAL#: 001 NAME: [REDACTED] MODE: AVIATION  
DATE OF ACCIDENT 04/06/2018 DATE RECEIVED 04/12/2018 PUTREFACTION: No  
N # 9133Z NTSB # ANC18FA028 CAMI REF # 201800057001  
LOCATION OF ACCIDENT Petaluma, CA  
SPECIMENS Brain, Liver, Muscle, Spleen, Urine

### 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.

- NOT PERFORMED

**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 Urine

**DRUGS:** Specimens are analyzed using immunoassay, chromatography, mass spectrometry, or spectrophotometry. 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://jag.cami.jccbi.gov/toxicology/>).

- 2.184 (ug/mL, ug/g) Doxylamine detected in Urine
- 1.877 (ug/mL, ug/g) Doxylamine detected in Liver

[REDACTED]

c=US, o=U.S. Government, ou=AMC, ou=AMC, cn=RUSSELL J LEWIS  
2018.05.11 09:45:07 -05'00'

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