



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

Aeronautical Center

Oklahoma City, Oklahoma 73125

Friday, August 30, 2019

National Transportation Safety Board

Denver, CO 80239

ACCIDENT # 0164	INDIVIDUAL#: 001	NAME: [REDACTED]	MODE: AVIATION
DATE OF ACCIDENT 06/29/2019		DATE RECEIVED 07/30/2019	PUTREFACTION: Yes
N # 7LR		NTSB # WPR19LA181	CAMI REF # 201900164001
LOCATION OF ACCIDENT Moriarty, NM			
SPECIMENS Blood (Heart), Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, 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.

- NO CARBOXYHEMOGLOBIN detected in Blood (Heart)

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 (Heart)

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), 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 [\[redacted\]](#)

- Ranitidine detected in Blood (Heart)
- Ranitidine NOT detected in Liver
- Amlodipine detected in Blood (Heart)
- Amlodipine detected in Liver

c=US, o=U.S. Government, ou=AMC, ou=AMC, cn=

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CAMI, FAA