



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

[REDACTED]
Aeronautical Center

[REDACTED]
Oklahoma City, Oklahoma 73125

Tuesday, September 3, 2019

National Transportation Safety Board

[REDACTED]
Federal Way, WA 98003

ACCIDENT # 0171 INDIVIDUAL#: 001 NAME: [REDACTED] MODE: AVIATION
DATE OF ACCIDENT 08/07/2019 DATE RECEIVED 08/09/2019 PUTREFACTION: No
N # 43FD NTSB # WPR19FA212 CAMI REF # 201900171001
LOCATION OF ACCIDENT Camarillo, CA
SPECIMENS Bile, Blood (Cavity), Brain, Gastric, Heart, Kidney, Liver, Lung, 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.

- NO CARBOXYHEMOGLOBIN detected in Blood (Cavity)

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 (Cavity)

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]).

- Tamsulosin detected in Blood (Cavity)
- Tamsulosin detected in Urine
- Amlodipine detected in Blood (Cavity)
- Amlodipine detected in Urine

[REDACTED]
[REDACTED], Ph.D., F-ABFT
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Bioaeronautical Sci. Research Lab
CAMI, FAA

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