



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

THESE RECORDS MAY BE RELEASABLE UNDER THE FOIA REQUEST 15  
DAYS AFTER SIGNATURE DATE UNLESS WE HEAR OTHERWISE FROM  
FAA NTSB COUNSEL

Mike Monroney  
Aeronautical Center

[REDACTED]  
Oklahoma City, Oklahoma 73125

Tuesday, October 30, 2018

National Transportation Safety Board

[REDACTED]

Denver, CO 80239

**ACCIDENT #** 0199    **INDIVIDUAL#:** 001    **NAME:** [REDACTED]    **MODE:** AVIATION  
**DATE OF ACCIDENT** 10/09/2018    **DATE RECEIVED** 10/11/2018    **PUTREFACTION:** No  
**N #** 451JP    **NTSB #** WPR19LA006    **CAMI REF #** 201800199001  
**LOCATION OF ACCIDENT** Cape Girardeau, MO  
**SPECIMENS** Blood, Serum, 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), 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/>).

- NO DRUGS listed above detected in Urine

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

[REDACTED]  
2018.11.06 08:40:36 -06'00'

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