



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

Mike Monroney  
Aeronautical Center

P.O. Box 25082  
Oklahoma City, Oklahoma 73125

Friday, July 19, 2019

National Transportation Safety Board

[REDACTED]  
Federal Way, WA 98003

|                      |                                                                  |               |            |               |              |       |          |
|----------------------|------------------------------------------------------------------|---------------|------------|---------------|--------------|-------|----------|
| ACCIDENT #           | 0123                                                             | INDIVIDUAL#:  | 001        | NAME:         | [REDACTED]   | MODE: | AVIATION |
| DATE OF ACCIDENT     | 04/18/2019                                                       | DATE RECEIVED | 06/14/2019 | PUTREFACTION: | Yes          |       |          |
|                      | N # 791PF                                                        | NTSB #        | WPR19FA116 | CAMI REF #    | 201900123001 |       |          |
| LOCATION OF ACCIDENT | Brookings, OR                                                    |               |            |               |              |       |          |
| SPECIMENS            | Bile, Blood, Heart, Kidney, Liver, Lung, Muscle, Spleen, Unknown |               |            |               |              |       |          |

**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

**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.

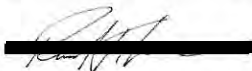
- NOT PERFORMED

**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

**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 Blood

  
[REDACTED]

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