



Human Performance Attachment
FAA Laboratory Toxicology Report
Oakland, IA
HWY18MH003
(3 pages)



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

Mike Monroney
Aeronautical Center

P.O. Box 25082
Oklahoma City, Oklahoma 73125

Monday, March 05, 2018

National Transportation Safety Board, Highway Safety
490 L'Enfant Plaza East, S.W.
Washington, DC 20594

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|----------------------|--|---------------|------------|---------------|--------------|-------|---------|
| ACCIDENT # | 0251 | INDIVIDUAL#: | 001 | NAME: | [REDACTED] | MODE: | HIGHWAY |
| DATE OF ACCIDENT | 12/12/2017 | DATE RECEIVED | 12/15/2017 | PUTREFACTION: | No | | |
| | N # | NTSB # | HWY18MH003 | CAMI REF # | 201700251001 | | |
| LOCATION OF ACCIDENT | Oakland, IA | | | | | | |
| SPECIMENS | Bile, Blood (Femoral), Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, Spleen, Urine, 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 (Femoral)

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, GC/MS, HPLC/MS, or GC/FTIR. 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/>).

- 19.39 (ug/mL, ug/g) Acetaminophen detected in Urine
- Bupropion detected in Urine
- Dextromethorphan detected in Urine
- Dextromethorphan detected in Blood (Femoral)
- Dextropran detected in Urine
- Dextropran detected in Blood (Femoral)
- Gabapentin detected in Urine
- 7.517 (ug/mL, ug/g) Gabapentin detected in Blood (Femoral)
- Inconclusive for Bupropion in Blood (Femoral)

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CONTINUATION OF REF#: 201700251001 - [REDACTED]

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