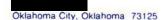


Mike Monroney Aeronautical Center



Tuesday, May 29, 2018

National Transportation Safety Board

Federal Way, WA 98003

 ACCIDENT #
 0062
 INDIVIDUAL#:
 002
 NAME:

 DATE OF ACCIDENT
 04/09/2018
 DATE RI

 N #
 9456P
 NTSB #

MODE: AVIATION PUTREFACTION: Yes CAMI REF # 201800062002

LOCATION OF ACCIDENT Scottsdale, AZ

SPECIMENS Bile, Blood, 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

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 Vitreous

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), marihuana (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/).

- 0.03 (ug/mL, ug/g) Benzoylecgonine detected in Blood
- 2.608 (ug/mL, ug/g) Benzoylecgonine detected in Urine
- Ecgonine Methyl Ester NOT detected in Blood
- Ecgonine Methyl Ester detected in Urine
- Methylenedioxymethamphetamine (MDMA) NOT detected in Blood
- Methylenedioxymethamphetamine (MDMA) detected in Urine



c=US, o=U.S. Government, ou=AMC, ou=AMC, cn=RUSSELL J LEWIS 2018.05.31 15:42:46 -05'00'

Russell Lewis, Ph.D., F-ABFT Supervisor, Forensic Sciences Bioaeronautical Sci. Research Lab CAMI, FAA