



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

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Thursday, December 29, 2016

National Transportation Safety Board  
4760 Oakland Street, Suite 500  
Denver, CO 80239

ACCIDENT # 0203    INDIVIDUAL#: 002    NAME: [REDACTED]    MODE: AVIATION  
DATE OF ACCIDENT 09/14/2016    DATE RECEIVED 09/16/2016    PUTREFACTION: No  
N # 4910M    NTSB # CEN16FA370    CAMI REF # 201600203002  
LOCATION OF ACCIDENT Arcanum, OH  
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 CARBON MONOXIDE 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.

>> 69 (mg/dL, mg/hg) Ethanol detected in Blood (Cavity)

>> 17 (mg/dL, mg/hg) 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/>).

- > Alprazolam NOT detected in Blood (Cavity)
- > 0.291 (ug/ml, ug/g) Alprazolam detected in Urine
- > Hydroxylalprazolam (Alpha-) NOT detected in Blood (Cavity)
- > 0.207 (ug/mL, ug/g) Hydroxylalprazolam (Alpha-) detected in Urine
- > Anhydroecgonine Methyl Ester detected in Blood (Cavity)
- > Anhydroecgonine Methyl Ester detected in Urine
- > 1.048 (ug/ml, ug/g) Benzoyllecgonine detected in Blood (Cavity)
- > 16.811 (ug/ml, ug/g) Benzoyllecgonine detected in Urine
- > Cocaethylene detected in Blood (Cavity)
- > 0.064 (ug/mL, ug/g) Cocaethylene detected in Urine

**CONTINUATION OF REF#: 201600203002 — Turner, Jacob**

- > 0.214 (ug/ml, ug/g) Cocaine detected in Blood (Cavity)
- > 7.333 (ug/ml, ug/g) Cocaine detected in Urine
- > Ecgonine Methyl Ester detected in Blood (Cavity)
- > Ecgonine Methyl Ester detected in Urine
- > Levamisole detected in Blood (Cavity)
- > Levamisole detected in Urine
- > Tetrahydrocannabinol (Marihuana) NOT detected in Blood (Cavity)
- > 0.0074 (ug/ml, ug/g) Tetrahydrocannabinol Carboxylic Acid (Marihuana) detected in Blood (Cavity)
- > 0.0324 (ug/ml, ug/g) Tetrahydrocannabinol (Marihuana) detected in Liver
- > 0.0285 (ug/ml, ug/g) Tetrahydrocannabinol Carboxylic Acid (Marihuana) detected in Liver
- > 0.0023 (ug/ml, ug/g) Tetrahydrocannabinol Carboxylic Acid (Marihuana) detected in Brain
- > 0.1092 (ug/ml, ug/g) Tetrahydrocannabinol Carboxylic Acid (Marihuana) detected in Urine



c=US, o=U.S. Government, ou=AMC, ou=AMC,  
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