



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

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Wednesday, December 16, 2015

National Transportation Safety Board
45065 Riverside Parkway
Ashburn, VA 20147

ACCIDENT # 0217 INDIVIDUAL#: 001 NAME: [REDACTED] MODE: AVIATION
DATE OF ACCIDENT 09/21/2015 DATE RECEIVED 10/02/2015 PUTREFACTION: No
N # 347SP NTSB # ERA15LA366 CAMI REF # 201500217001
LOCATION OF ACCIDENT Bally, PA
SPECIMENS Blood, Serum, Urine

FINAL FORENSIC TOXICOLOGY NON-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, 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/>).

>> Alpha-hydroxyalprazolam NOT detected in Blood
>> 0.199 (ug/mL, ug/g) Alpha-hydroxyalprazolam detected in Urine
>> 1.053 (ug/ml, ug/g) Alprazolam detected in Urine
>> 0.123 (ug/ml, ug/g) Alprazolam detected in Blood
>> Desmethylsertraline detected in Urine
>> Desmethylsertraline detected in Blood
>> 0.196 (ug/mL, ug/g) Lorazepam detected in Urine
>> 0.03 (ug/mL, ug/g) Lorazepam detected in Blood
>> Ondansetron detected in Urine
>> 0.065 (ug/mL, ug/g) Sertraline detected in Blood
>> Sertraline detected in Urine

[REDACTED]

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CONTINUATION OF REF#: 201500217001 — Zimmer, Joshua L.



c=US, o=U.S. Government, ou=AMC, ou=AMC,
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Russell Lewis, Ph.D.
TC, FAA, Forensic Toxicology
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