



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

THESE RECORDS MAY BE RELEASABLE UNDER THE FOIA REQUEST 15
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FAA NTSB COUNSEL

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Wednesday, November 23, 2016

National Transportation Safety Board
505 South 336th Street, Suite 540
Federal Way, WA 98003

ACCIDENT # 0199 INDIVIDUAL#: 001 NAME: [REDACTED] MODE: AVIATION
DATE OF ACCIDENT 09/11/2016 DATE RECEIVED 09/14/2016 PUTREFACTION: No
N # 821ET NTSB # WPR16FA178 CAMI REF # 201600199001
LOCATION OF ACCIDENT Reno, NV
SPECIMENS Blood (Cavity), 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 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.

>> 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/>).

>> 39.46 (ug/ml, ug/g) Acetaminophen detected in Urine
>> 0.04 (ug/ml, ug/g) Diazepam detected in Blood (Cavity)
>> Dihydrocodeine NOT detected in Blood (Cavity)
>> 0.164 (ug/mL, ug/g) Dihydrocodeine detected in Urine
>> 0.021 (ug/ml, ug/g) Hydrocodone detected in Blood (Cavity)
>> 0.92 (ug/ml, ug/g) Hydrocodone detected in Urine
>> Ibuprofen detected in Urine
>> 12.121 (ug/ml, ug/g) Meprobamate detected in Urine
>> 2.243 (ug/ml, ug/g) Meprobamate detected in Blood (Cavity)
>> Morphine detected in Urine
>> Morphine NOT detected in Blood (Cavity)
>> 0.111 (ug/ml, ug/g) Nordiazepam detected in Blood (Cavity)

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cn=RUSSELL J LEWIS
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CONTINUATION OF REF#: 201600199001 - [REDACTED]

>> 0.208 (ug/ml, ug/g) Nordiazepam detected in Urine
>> Oxazepam detected in Urine
>> Oxazepam NOT detected in Blood (Cavity)
>> Oxymorphone NOT detected in Blood (Cavity)
>> Oxymorphone detected in Urine
>> Temazepam NOT detected in Blood (Cavity)
>> 1.612 (ug/ml, ug/g) Temazepam detected in Urine

[REDACTED]

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