



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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Friday, August 10, 2018

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

ACCIDENT #	0077	INDIVIDUAL#:	001	NAME:		MODE:	AVIATION
DATE OF ACCIDENT	05/13/2018	DATE RECEIVED	05/17/2018	PUTREFACTION:	No		
	N # 2377R	NTSB #	WPR18FA141	CAMI REF #	201800077001		
LOCATION OF ACCIDENT	Cascade, ID						
SPECIMENS	Bile, Blood, 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 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.

- 63 (mg/dL, mg/hg) Ethanol detected in Urine
- 12 (mg/dL, mg/hg) Ethanol detected in Blood
- NO ETHANOL detected in Liver
- 11 (mg/dL, mg/hg) Ethanol detected in Lung
- 41 (mg/dL, mg/hg) Ethanol detected in Muscle

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://jaq.cami.jccbi.gov/toxicology/>).

- NO DRUGS listed above detected in Urine

c=US, o=U.S. Government, ou=AMC, ou=AMC,
cn=RUSSELL J LEWIS
2018.08.14 12:57:19 -05'00'

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