



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

Mike Monroney  
Aeronautical Center

P O Box 25082  
Oklahoma City, Oklahoma 73125

Monday, October 31, 2016

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

ACCIDENT # 0166	INDIVIDUAL#: 001	NAME: [REDACTED]	MODE: AVIATION
DATE OF ACCIDENT 08/02/2016	N # 341AL	DATE RECEIVED 08/16/2016	PUTREFACTION: No
LOCATION OF ACCIDENT Van Nuys, CA	NTSB # WPR16FA157	CAMI REF # 201600166001	
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 Vitreous

**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), 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/>).

- >> Amlodipine detected in Urine
- >> Amlodipine detected in Blood (Cavity)
- >> Gabapentin detected in Urine
- >> Gabapentin detected in Blood (Cavity)

c=US, o=U.S. Government, ou=AMC, ou=AMC,  
cn=RUSSELL J LEWIS  
2016.11.03 11:16:50 -05'00'

[REDACTED]  
Russell Lewis, Ph.D., F-ABFT  
TC, FAA, Forensic Toxicology  
Research Team CAMI