



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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P.O. Box 25082  
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Wednesday, March 11, 2015

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

|                      |                   |               |            |               |              |       |          |
|----------------------|-------------------|---------------|------------|---------------|--------------|-------|----------|
| ACCIDENT #           | 0018              | INDIVIDUAL#:  | 001        | NAME:         | Pray, Van M. | MODE: | AVIATION |
| DATE OF ACCIDENT     | 01/20/2015        | DATE RECEIVED | 01/29/2015 | PUTREFACTION: | No           |       |          |
|                      | N # 999CJ         | NTSB #        | WPR15FA088 | CAMI REF #    | 201500018001 |       |          |
| LOCATION OF ACCIDENT | Mountain Pass, CA |               |            |               |              |       |          |
| SPECIMENS            | Lung, Muscle      |               |            |               |              |       |          |

# 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.

>> 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 Muscle

**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://jaq.cami.iccbi.gov/toxicology/>).

- >> Amlodipine detected in Lung
- >> Amlodipine detected in Muscle
- >> Metoprolol detected in Lung
- >> Valsartan detected in Lung

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Russell Lewis, Ph.D.  
TC, FAA, Forensic Toxicology  
Research Team CAMI