



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

Tuesday, January 24, 2012

National Transportation Safety Board  
222 West 7th Avenue, Rm 216, Box 11  
Anchorage, AK 99513

ACCIDENT # 0234      INDIVIDUAL#: 001      NAME: ANDIE, JAMES O.      MODE: AVIATION  
DATE OF ACCIDENT 09/23/2011      DATE RECEIVED 10/06/2011      PUTREFACTION: No  
N # 361TT      NTSB # ANC11FA107      CAMI REF # 201100234001  
LOCATION OF ACCIDENT Kodiak, AK  
SPECIMENS Blood, 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

**CYANIDE:** The presence of cyanide is screened by Conway Diffusion. Positive 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.

>> NO CYANIDE detected in Blood

**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:** Immunoassay and/or chromatography are used to screen for drugs. GC/Mass Spec, HPLC/Mass Spec, or GC/FTIR is used to confirm most positive results. 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). For comprehensive information concerning all drugs detected by the laboratory, see the CAMI Drug Information Web Site <http://jag.cami.jccbi.gov/toxicology/>.

- >> Dextrorphan detected in Urine
- >> Dextrorphan NOT detected in Blood
- >> 0.047 (ug/ml, ug/g) Doxylamine detected in Blood
- >> Ranitidine detected in Urine
- >> Ranitidine NOT detected in Blood

**Date: 2012.01.24 13:11:48 -06'00'**

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