



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, June 20, 2016

National Transportation Safety Board  
4760 Oakland Street, Suite 500  
Denver, CO 80239

ACCIDENT # 0047    INDIVIDUAL#: 001    NAME: [REDACTED]    MODE: AVIATION  
DATE OF ACCIDENT 03/20/2016    DATE RECEIVED 03/25/2016    PUTREFACTION: No  
N # 84580    NTSB # CEN16FA130    CAMI REF # 201600047001  
LOCATION OF ACCIDENT Ellsworth, NE  
SPECIMENS Bile, Blood (Subclav.), Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, Spinal Fluid, 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.

>> 40 (%) CARBON MONOXIDE detected in Blood (Subclav.)

**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.

>> NO CYANIDE detected in Blood (Subclav.)

**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), 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/>).

>> Buspirone detected in Urine  
>> 0.003 (ug/mL, ug/g) Buspirone detected in Blood (Subclav.)  
>> Clopidogrel detected in Urine  
>> 0.046 (ug/ml, ug/g) Diazepam detected in Urine  
>> Diazepam NOT detected in Blood (Subclav.)  
>> Metoprolol detected in Urine  
>> Metoprolol detected in Blood (Subclav.)  
>> Oxazepam NOT detected in Blood (Subclav.)  
>> 0.044 (ug/ml, ug/g) Oxazepam detected in Urine  
>> Ranitidine detected in Urine  
>> 0.958 (ug/ml, ug/g) Temazepam detected in Urine  
>> 0.123 (ug/ml, ug/g) Temazepam detected in Blood (Subclav.)

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Monday, June 20, 2016

CONTINUATION OF REF#: 201600047001 — ANDRICK JR., BEN F.



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

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