



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, February 11, 2013

National Transportation Safety Board  
Atlanta Federal Ctr, Rm 3M25, 60 Forsyth Street, SW  
Atlanta, GA 30303

|                      |                                            |               |            |               |                   |       |          |
|----------------------|--------------------------------------------|---------------|------------|---------------|-------------------|-------|----------|
| ACCIDENT #           | 0288                                       | INDIVIDUAL#:  | 001        | NAME:         | POPPELL, RICKY R. | MODE: | AVIATION |
| DATE OF ACCIDENT     | 12/10/2012                                 | DATE RECEIVED | 12/18/2012 | PUTREFACTION: | Yes               |       |          |
|                      | N # 840DS                                  | NTSB #        | ERA13FA083 | CAMI REF #    | 201200288001      |       |          |
| LOCATION OF ACCIDENT | Lake Park, GA                              |               |            |               |                   |       |          |
| SPECIMENS            | Heart, Kidney, Liver, Lung, Muscle, Spleen |               |            |               |                   |       |          |

## 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.

>> 83 (mg/dL, mg/hg) Ethanol detected in Muscle  
>> NO ETHANOL detected in Liver  
>> N-Butanol detected in Muscle  
>> N-Propanol detected in Muscle

-Notes:

The ethanol found in this case is from sources other than ingestion.

**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/>).

>> Atorvastatin detected in Liver

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CONTINUATION OF REF#: 201200288001 — POPPELL, RICKY R.



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

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