



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

Mike Monroney  
Aeronautical Center

P O Box 25082  
Oklahoma City, Oklahoma 73125

Monday, October 29, 2012

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

ACCIDENT # 0204    INDIVIDUAL#: 001    NAME: MYERS, GEORGE G.    MODE: AVIATION  
DATE OF ACCIDENT 09/16/2012    DATE RECEIVED 09/20/2012    PUTREFACTION: Yes  
N # 2207X    NTSB # ERA12FA565    CAMI REF # 201200204001  
LOCATION OF ACCIDENT    BROWNSBORO, AL  
SPECIMENS    Bile, 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. 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.

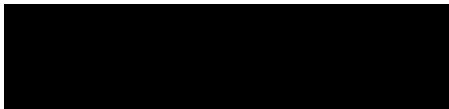
>> NOT PERFORMED

**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  
>> NO ETHANOL detected in Kidney

**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/>).

>> NO DRUGS listed above detected in Kidney



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



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Thursday, November 01, 2012

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

ACCIDENT # 0204    INDIVIDUAL#: 002    NAME: SCHMITT, CHRISTIAN    MODE: AVIATION  
DATE OF ACCIDENT 09/16/2012    DATE RECEIVED 09/20/2012    PUTREFACTION: Yes  
N # 2207X    NTSB # ERA12FA565    CAMI REF # 201200204002  
LOCATION OF ACCIDENT Brownsboro, AL  
SPECIMENS Bile, Blood, 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. 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.

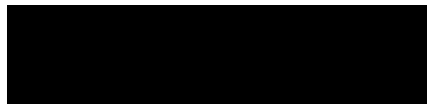
>> NO CYANIDE detected in Blood (Cavity)

**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/>).

>> Ibuprofen detected in Urine



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