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), 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/).

>> NO DRUGS listed above detected in Kidney

[redacted]

Date: 2012.10.30 12:56:10 -05'00'

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

[redacted]

Date: 2012.11.08 08:22:59 -06'00'

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