THESE RECORDS MAY BE RELEASABLE UNDER THE FOIA REQUEST 15 DAYS AFTER SIGNATURE DATE UNLESS WE HEAR OTHERWISE FROM FAA NTSB COUNSEL

U.S. Department of Transportation
Federal Aviation Administration

Mike Monroney Aeronautical Center

P.O. Box 25082
Oklahoma City, Oklahoma 73125

Thursday, March 20, 2014

National Transportation Safety Board
45065 Riverside Parkway
Ashburn, VA 20147

ACCIDENT # 0015 **INDIVIDUAL#:** 001 **NAME:** CAMPBELL, JOSEPH A. **MODE:** AVIATION

DATE OF ACCIDENT 02/14/2014 **DATE RECEIVED** 02/19/2014 **PUTREFACTION:** No

N # 732EJ **NTSB #** ERA14FA120 **CAMI REF #** 201400015001

LOCATION OF ACCIDENT Clay, AL

SPECIMENS 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.

>> NO ETHANOL detected in Liver
>> NO ETHANOL detected in Muscle

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 Liver

[redacted]

2014.03.25 13:42:07 -05'00'

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

UAB The University of Alabama at Birmingham
Department of Pathology
Division of Forensic Pathology
Toxicology Section

TOXICOLOGICAL ANALYSIS REPORT

NAME Campbell, Joseph Allan **Case No.** 14-259

RECEIVED FROM: Jefferson County Medical Examiner **Dr.** Simmons

RECEIPT DATE: 2/19/14 **REPORT DATE:** 2/27/14

SPECIMEN	ANALYSIS	METHOD	RESULTS*
Brain (contaminated with hair and other debris)	Ethanol	GC	0.08
Liver	Ethanol	GC	0.01
Liver	Alkaline Drug Screen	GC/MS	NDD

DA = Drugs of abuse (Amphetamine, Barbiturates, Benzodiazepines, Cocaine M (Cocaine Metabolite), Opiates, 6-Monoacetylmorphine (6-MAM), Tricyclic Antidepressants, Methadone)
NA = Not analyzed
ND = Not detected
NDD = No drugs detected
P = Present, not quantified
QNS = Quantity not sufficient for analysis
*Units = Alcohol and Volatiles, gm/dL; Blood, mg/L; and Tissue, mg/kg.

[redacted]
C.A. Robinson, Ph.D., DNBCC
Director, Forensic Toxicology

RECEIVED
FEB 27 2014
By

UAB The University of Alabama at Birmingham
Department of Pathology
Division of Forensic Pathology
Toxicology Section

TOXICOLOGICAL ANALYSIS REPORT

NAME Campbell, Joseph Allan **Case No.** 14-259

RECEIVED FROM: Jefferson County Medical Examiner **Dr. Simmons**

RECEIPT DATE: 2/19/14 **REPORT DATE:** 2/27/14
CORRECTED: 4/2/14

SPECIMEN	ANALYSIS	METHOD	RESULTS*
Brain (contaminated with hair and other debris)	Ethanol	GC	0.08 gm/100 gm Tissue
Liver	Ethanol	GC	0.01 gm/100 gm Tissue
Liver	Alkaline Drug Screen	GC/MS	NDD

DA = Drugs of abuse (Amphetamine, Barbiturates, Benzodiazepines, Cocaine M (Cocaine Metabolite), Opiates, 6-Monoacetylmorphine (6-MAM), Tricyclic Antidepressants, Methadone)
NA = Not analyzed
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[redacted]
C.A. Robinson, Ph.D., DNBCC
Director, Forensic Toxicology

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