



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

Tuesday, February 07, 2012

National Transportation Safety Board
624 Six Flags Drive, Suite 150
Arlington, TX 76011

ACCIDENT # 0280	INDIVIDUAL#: 001	NAME: JOHNSTON, DOUGLAS W.	MODE: AVIATION
DATE OF ACCIDENT 11/29/2011		DATE RECEIVED 12/02/2011	PUTREFACTION: No
N # 6485L		NTSB # CEN12FA088	CAMI REF # 201100280001
LOCATION OF ACCIDENT	New Orleans, LA		
SPECIMENS	Bile, Blood, 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

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

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: Immunoassay and/or chromatography are used to screen for drugs. GC/Mass Spec, HPLC/Mass Spec, or GC/FTIR is used to confirm most positive results. 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). For comprehensive information concerning all drugs detected by the laboratory, see the CAMI Drug Information Web Site <http://jag.cami.jccbi.gov/toxicology/>.

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>> 1.085 (ug/ml, ug/g) Amphetamine detected in Urine
>> 0.046 (ug/ml, ug/g) Amphetamine detected in Blood
>> 0.072 (ug/ml, ug/g) Diphenhydramine detected in Blood
>> Diphenhydramine detected in Urine
>> 10.005 (ug/ml, ug/g) Methamphetamine detected in Urine
>> 0.345 (ug/ml, ug/g) Methamphetamine detected in Blood
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Rev. M. J. Lee

Date: 2012.02.07 11:47:04
-06'00'

Tuesday, February 07, 2012

CONTINUATION OF REF#: 201100280001 — JOHNSTON, DOUGLAS W.

A handwritten signature in black ink, appearing to read "Russell Lewis".

Date: 2012.02.07 11:47:16 -06'00'

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