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



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Federal Aviation
Administration

Thursday, December 13, 2012

National Transportation Safety Board 490 L'Enfant Plaza East Washington, DC 20594

ACCIDENT # 0211 INDIVIDUAL#: 001 NAME: MORTON, JOHN B. JR. MODE: AVIATION

DATE OF ACCIDENT 09/29/2012 DATE RECEIVED 10/02/2012 PUTREFACTION: No

N# 66246 **NTSB#** ERA12FA583 **CAMI REF#** 201200211001

LOCATION OF ACCIDENT Fredericksburg, VA

SPECIMENS 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.

>> 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.

- >> 117 (mg/dL, mg/hg) Ethanol detected in Urine
- >> 70 (mg/dL, mg/hg) Ethanol detected in Brain
- >> 67 (mg/dL, mg/hg) 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/).

- >> Citalopram detected in Liver
- >> Citalopram detected in Urine
- >> N-Desmethylcitalopram detected in Liver
- >> N-Desmethylcitalopram detected in Urine

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