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



Federal Aviation
Administration

Mike Monroney Aeronautical Center P.O. Box 25082 Oklahoma City, Oklahoma 73125

Wednesday, July 30, 2008

National Transportation Safety Board 8405 N.W. 53rd St., Suite B103

Miami, FL 33166

ACCIDENT # 0130 INDIVIDUAL#: 001 NAME: SMOAK, MASON G. MODE: AVIATION

DATE OF ACCIDENT 06/20/2008 DATE RECEIVED 06/27/2008 PUTREFACTION: Yes

N # 988PC **NTSB #** NYC08LA221 **CAMI REF #** 200800130001

LOCATION OF ACCIDENT LAKE PLACID, FL

SPECIMENS Bile, Brain, 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 limit of quantitation of 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 Urine

DRUGS: Immunoassay and chromatography are used to screen for legal and illegal drugs which include: amphetamine (0.010), opiates (0.010), marihuana (0.001), cocaine (0.020), phencyclidine (0.002), benzodiazepines (0.030), barbiturates (0.060), antidepressants (0.100), antihistamines (0.020), meprobamate (0.100), methaqualone (0.100), and nicotine (0.050). The values in () are the threshold values in ug/mL used to report positive results. Values below this concentration are normally reported as not detected. GC/Mass Spec, HPLC/Mass Spec, or GC/FTIR, is used to confirm most positive results.

- >> CITALOPRAM detected in Urine
- >> CITALOPRAM detected in Liver
- >> DI-N-DESMETHYLCITALOPRAM detected in Urine
- >> DI-N-DESMETHYLCITALOPRAM detected in Liver
- >> N-DESMETHYLCITALOPRAM detected in Urine
- >> N-DESMETHYLCITALOPRAM detected in Liver

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