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

Administration Thursday, February 16, 2012

National Transportation Safety Board
Du Page Airport, 31 West 775 North Avenue
West Chicago, IL 60185

ACCIDENT # 0291 INDIVIDUAL#: 001 NAME: DIDIER, WILLIAM G. MODE: AVIATION

DATE OF ACCIDENT 11/28/2011 DATE RECEIVED 12/15/2011 PUTREFACTION: No

N# 59773 **NTSB #** CEN12FA086 **CAMI REF #** 201100291001

LOCATION OF ACCIDENT Riverwoods, IL

SPECIMENS Bile, Blood, Brain, Heart, Kidney, Liver, Lung, Muscle, Spinal Fluid, Spleen, 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), marihuana (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/.

- >> Blood unsuitable for analysis of Tetrahydrocannabinol (Marihuana)
- >> 0.1077 (ug/ml, ug/g) Tetrahydrocannabinol (Marihuana) detected in Liver
- >> 0.0198 (ug/ml, ug/g) Tetrahydrocannabinol (Marihuana) detected in Lung
- >> 0.0157 (ug/ml, ug/g) Tetrahydrocannabinol Carboxylic Acid (Marihuana) detected in Liver
- >> 0.0024 (ug/ml, ug/g) Tetrahydrocannabinol Carboxylic Acid (Marihuana) detected in Blood

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