



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

Wednesday, October 27, 2010

National Transportation Safety Board Atlanta Federal Ctr, Rm 3M25, 60 Forsyth Street, SW Atlanta, GA 30303 ACCIDENT # 0243 INDIVIDUAL#: 001 NAME: GEORGE, ABRAHAM T.

DATE RECEIVED 10/01/2010 DATE OF ACCIDENT 09/24/2010 NTSB# ERA10FA502 N# 84249

MODE: AVIATION PUTREFACTION: No CAMI REF # 201000243001

LOCATION OF ACCIDENT Chatsworth, GA

Bile, Blood (Cavity), Blood (Heart), Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, Spleen, Urine, Vitreous SPECIMENS

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 (Heart)

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 (Heart)

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 below 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/.

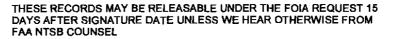
>> Quinine detected in Urine

-70



Dennis V. Canfield, Ph. D. Manager, Bioaeronautical Sci. Research Lab CAMI

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Federal Aviation Administration

DATE OF ACCIDENT

Thursday, October 28, 2010

National Transportation Safety Board Atlanta Federal Ctr, Rm 3M25, 60 Forsyth Street, SW Atlanta, GA 30303 ACCIDENT # 0243 INDIVIDUAL#: 002 NAME: SAMRA, JASKINDER K.

MODE: AVIATION
PUTREFACTION: No
CAMI REF # 201000243002

LOCATION OF ACCIDENT Chatsworth, GA

09/24/2010 N # 84249

SPECIMENS Blood (Cavity), 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.

DATE RECEIVED 10/01/2010

NTSB # ERA10FA502

>> NO CARBON MONOXIDE detected in Blood (Cavity)

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 (Cavity)

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 below 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/.

>> 789 (ug/ml, ug/g) Acetaminophen detected in Urine

2010.11.18 10:44:18 -06'00'

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