

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

Tuesday, January 17, 2012

National Transportation Safety Board 8240 N.W. 52nd Terrace, Suite 418 Doral, FL 33166 ACCIDENT # 0301 INDIVIDUAL#: 003 NAME: BONILLA, LUIS F. DATE OF ACCIDENT 12/26/2011 DATE RECEIVED 12/29/2011 N # 5016M NTSB # ERA12MA122 LOCATION OF ACCIDENT Green Cove Springs, FL

-. MODE 9/2011 PUTRE CAMI I

MODE: AVIATION PUTREFACTION: No CAMI REF # 201100301003

SPECIMENS Bile, Gastric, Kidney, Liver, Lung, Muscle

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.

>> NOT PERFORMED

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/.

>> NOT PERFORMED

-Notes:

Samples from passengers are analyzed for CARBON MONOXIDE and CYANIDE only in cases of fire, or upon special request, provided suitable blood samples were submitted.

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



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

Friday, January 27, 2012

National Transportation Safety Board 8240 N.W. 52nd Terrace, Suite 418 Doral, FL 33166

 ACCIDENT #
 0301
 INDIVIDUAL#:
 002
 NAME:
 HINES,
 DAVID W.

 DATE OF ACCIDENT
 12/26/2011
 DATE RECEIVED
 12/29/2011

 N #
 5016M
 NTSB #
 ERA12MA122

MODE: AVIATION PUTREFACTION: No CAMI REF # 201100301002

LOCATION OF ACCIDENT Green Cove Springs, FL

SPECIMENS Bile, Blood, Heart, Kidney, Liver, Lung, Muscle, Spleen

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.

>> NOT PERFORMED

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/.

>> NOT PERFORMED

-Notes:

Samples from passengers are analyzed for CARBON MONOXIDE and CYANIDE only in cases of fire, or upon special request, provided suitable blood samples were submitted.

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

Tuesday, February 21, 2012

National Transportation Safety Board 8240 N.W. 52nd Terrace, Suite 418

Doral, FL 33166

 ACCIDENT #
 0301
 INDIVIDUAL#:
 001
 NAME:
 SMITH,
 ELIJAH H. JR.

 DATE OF ACCIDENT
 12/26/2011
 DATE RECEIVED
 12/29/2011

 N #
 5016M
 NTSB #
 ERA12MA122

MODE: AVIATION PUTREFACTION: No CAMI REF # 201100301001

LOCATION OF ACCIDENT Green Cove Springs, FL

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 Blood

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/.

- >> Pravastatin detected in Liver
- >> Pravastatin detected in Blood
- >> Zolpidem detected in Liver
- >> Zolpidem detected in Blood

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