



Federal Aviation Administration

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

Friday, July 13, 2007

National Transportation Safety Board Atlanta Federal Ctr, Rm 3M25, 60 Forsyth Street, SW Atlanta, GA 30303

ACCIDENT# 0120

BURNSVILLE, NC

INDIVIDUAL#: 002 NAME: CAMUZZI, FREDDY A.

MODE: AVIATION

DATE OF ACCIDENT

05/26/2007

DATE RECEIVED 06/05/2007

PUTREFACTION:

N# 2537A

NTSB# NYC07FA126

CAMI REF# 200700120002

LOCATION OF ACCIDENT

SPECIMENS

Bile, Blood, Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, Spleen, Urine

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 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.

>> 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 Urine

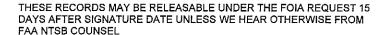
DRUGS: Immunoassay and chromatography are used to screen for legal and illegal drugs which include: amphetamine (0.010), opiates (0.010), marihuana (0.001), cocaine (0.020), phencyclidine (0.002), benzodiazepines (0.030), barbiturates (0.060), antidepressants (0.100), antihistamines (0.020), meprobamate (0.100), methagualone (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.

>> METOPROLOL detected in Blood

>> METOPROLOL detected in Urine

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

Date: 2007.07.18 14:52:18 -05'00'





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Friday, July 13, 2007

National Transportation Safety Board Atlanta Federal Ctr, Rm 3M25, 60 Forsyth Street, SW Atlanta, GA 30303

ACCIDENT # 0120

INDIVIDUAL#: 001 NAME: FREEBLE, CHARLES R. III

MODE: AVIATION

DATE OF ACCIDENT

05/26/2007

DATE RECEIVED 06/05/2007

PUTREFACTION:

N# 2537A

NTSB# NYC07FA126

CAMLREF#

200700120001

LOCATION OF ACCIDENT

BURNSVILLE, NC

SPECIMENS

Bile, Blood, Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, Spleen, Urine

FINAL FORENSIC TOXICOLOGY FATAL ACCIDENT REPORT

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>> 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 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.

>> 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 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.

>> NO DRUGS LISTED ABOVE DETECTED in Urine

Date: 2007.07.18 14:50:32 -05'00'

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