



U.S. Department
of Transportation
**Federal Aviation
Administration**

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

Monday, January 11, 2016

National Transportation Safety Board
45065 Riverside Parkway
Ashburn, VA 20147

ACCIDENT # 0268 INDIVIDUAL#: 001 NAME: Stimmel, Robert K. MODE: AVIATION
DATE OF ACCIDENT 11/20/2015 DATE RECEIVED 11/24/2015 PUTREFACTION: No
N # 7FG NTSB # ERA16FA043 CAMI REF # 201500268001
LOCATION OF ACCIDENT Orlando, FL
SPECIMENS Bile, 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.

>> NO CARBON MONOXIDE detected in Blood (Cavity)

CYANIDE: The presence of cyanide is screened by Conway Diffusion, when the COHb level is equal to or greater than 10% or upon special request. 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.

>> NO ETHANOL detected in Vitreous

DRUGS: Specimens are analyzed using immunoassay, chromatography, GC/MS, HPLC/MS, or GC/FTIR. 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). Drugs and/or their metabolites, that are not impairing or abused, may be reported from the initial tests. See the CAMI Drug Information Web Site for additional information (<http://jag.cami.jccbi.gov/toxicology/>).

>> Diphenhydramine detected in Urine

>> Diphenhydramine NOT detected in Blood (Cavity)



c=US, o=U.S. Government, ou=AMC, ou=AMC, cn=RUSSELL J
LEWIS
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Russell Lewis, Ph.D.
TC, FAA, Forensic Toxicology
Research Team CAMI

Patient: STIMMEL, ROBERT
Client Patient ID: 9-15-1622
Physician: STEPHANY, JOSHUA

Age: 61 Sex: M
Account#: VX74626
Client: DIST 9 MEDICAL EXAMINER

TOXICOLOGY

Specimen Collected: 11/21/2015

Lab Order No: 592301045

Reg Date: 11/23/15

Test Name	Result	Units	Cutoff/Reporting Limits
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VOLATILE PANEL - VOLP

SPECIMEN TYPE

HEART BLOOD

ETHANOL	NONE DETECTED	g/dL	0.010
ACETONE	NONE DETECTED	mg/dL	7.5
METHANOL	NONE DETECTED	mg/dL	15.0
ISOPROPANOL	NONE DETECTED	mg/dL	15.0

Analysis by Gas Chromatography (GC) Headspace Injection

BLOOD DRUG SCREEN - BDSME

SPECIMEN TYPE

HEART BLOOD

GC/MS

CAFFEINE

LC/MS/MS

CAFFEINE, CAFFEINE METABOLITE

BLOOD IMMUNOASSAY SCREEN

AMPHETAMINES	NEGATIVE	mg/L	0.100
BARBITURATES	NEGATIVE	mg/L	0.100
BENZODIAZEPINES	NEGATIVE	mg/L	0.050
BUPRENORPHINE	NEGATIVE	mg/L	0.001
CANNABINOIDS	NEGATIVE	mg/L	0.050
COCAINE METABOLITE	NEGATIVE	mg/L	0.100
FENTANYL	NEGATIVE	mg/L	0.001
OPIATES	NEGATIVE	mg/L	0.050
SALICYLATES	NEGATIVE	mg/L	50.0

CARBOXYHEMOGLOBIN - COHBP

SPECIMEN TYPE

HEART BLOOD

CARBOXYHEMOGLOBIN	4.9	%	1.0
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Normal:

Nonsmokers up to 3.5%

Smokers up to 8%

Toxic: >20%

Analysis by Spectrophotometry

Specimens were intact upon receipt. Chain of custody, specimen security and integrity has been maintained. Testing has been performed as requested

Reviewed by: _____

Date: _____

FINAL REPORT - THIS COMPLETES REPORTING ON THIS CASE

TOXICOLOGY REPORT

STIMMEL, ROBERT

Form: MM Single RL 1T

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Printed: 12/11/15 11:52