



FORENSIC TOXICOLOGY REPORT

FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences
P.O. Box 25082, Oklahoma City, Oklahoma 73125
Ph: 405-954-6254, Fax: 405-954-3705



May 9, 2023

NAME [REDACTED] Pilot CAMI # 202300042001 NTSB # ANC23FA031
LOCATION Nuevo, CA MODE Aviation N # 14Z
DATE OF ACCIDENT 3/24/2023 DATE RECEIVED 3/29/2023 STATUS FATAL

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

Screening tests employed

- Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
- Blood (Cavity) - Volatiles (HS GC/FID)
- Vitreous - Glucose (Chemical Analyzer)
- Urine - Glucose (Chemical Analyzer)
- Urine - Drugs of abuse (Immunoassay)
- Urine - General drug screen (LC/MS, GC/MS)

Analyte	Result	Specimen	Instrument
Carboxyhemoglobin	Not Detected	Blood (Cavity)	UV/VIS
Ethanol	Not Detected	Blood (Cavity)	HSGC/FID
Glucose	Not Detected	Urine	Analyzer
Glucose	Not Detected	Vitreous	Analyzer
Zolpidem	20 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Zolpidem	5 (ng/mL, ng/g)	Urine	LC/MS
Chlorothiazide	Detected	Blood (Cavity)	LC/MS
Chlorothiazide	Detected	Urine	LC/MS
Hydrochlorothiazide	Inconclusive	Blood (Cavity)	LC/MS
Hydrochlorothiazide	Detected	Urine	LC/MS
Lisinopril	Inconclusive	Blood (Cavity)	LC/MS
Lisinopril	Detected	Urine	LC/MS

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Russell Lewis, Ph.D., F-ABFT
Manager, Bioaeronautical Sciences Research Branch
Civil Aerospace Medical Institute, FAA

This record may be releasable under the FOIA request 15 days after signature date, unless FOIA exemptions apply.
Results listed in this report relate to tested specimen(s) only. See Forensic Toxicology web site for testing methodology and cutoffs as well as drug, FOIA, and contact information.
<http://www.faa.gov/go/toxlab>



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May 10, 2023

NAME [REDACTED] Passenger CAMI # 202300042002 NTSB # ANC23FA031
LOCATION Nuevo, CA MODE Aviation N # 14Z
DATE OF ACCIDENT 3/24/2023 DATE RECEIVED 3/29/2023 STATUS FATAL

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

PUTREFACTION No

Screening tests employed

- Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
- Blood (Cavity) - Volatiles (HS GC/FID)
- Vitreous - Glucose (Chemical Analyzer)
- Urine - Glucose (Chemical Analyzer)
- Urine - Drugs of abuse (Immunoassay)
- Urine - General drug screen (LC/MS, GC/MS)

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Carboxyhemoglobin	Not Detected	Blood (Cavity)	UV/VIS
Ethanol	Not Detected	Blood (Cavity)	HSGC/FID
Glucose	Not Detected	Vitreous	Analyzer
Glucose	Not Detected	Urine	Analyzer
Acetaminophen	Detected	Blood (Cavity)	LC/MS
Acetaminophen	Detected	Urine	LC/MS
Amlodipine	Detected	Blood (Cavity)	LC/MS
Amlodipine	Detected	Urine	LC/MS
Atorvastatin	Detected	Blood (Cavity)	LC/MS
Atorvastatin	Detected	Urine	LC/MS
Chlorothiazide	Inconclusive	Blood (Cavity)	LC/MS
Chlorothiazide	Detected	Liver	LC/MS
Hydrochlorothiazide	Detected	Blood (Cavity)	LC/MS
Hydrochlorothiazide	Detected	Liver	LC/MS

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May 10, 2023

CONTINUATION

CAMI # 202300042002

NAME [REDACTED]

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Sildenafil	Inconclusive	Blood (Cavity)	LC/MS
Sildenafil	Detected	Urine	LC/MS
Desmethylsildenafil	Inconclusive	Blood (Cavity)	LC/MS
Desmethylsildenafil	Detected	Urine	LC/MS
Rivaroxaban	Detected	Blood (Cavity)	LC/MS
Rivaroxaban	Detected	Liver	LC/MS

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-05'00'

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Manager, Bioaeronautical Sciences Research Branch
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<http://www.faa.gov/go/toxlab>