

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



April 1, 2024

NAME [REDACTED]
LOCATION Concord, CA
DATE OF ACCIDENT 1/30/2024

CAMI # 202400020001
MODE Aviation
DATE RECEIVED 2/2/2024

NTSB # WPR24FA080
N # 30AK
STATUS FATAL

SPECIMENS Blood (Cavity), Brain, 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
Delta-9-THC	86.3 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Delta-9-THC	49.7 (ng/mL, ng/g)	Liver	LC/MS
Carboxy-Delta-9-THC	862.1 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Carboxy-Delta-9-THC	2775 (ng/mL, ng/g)	Liver	LC/MS
11-Hydroxy-THC	73.4 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
11-Hydroxy-THC	256.6 (ng/mL, ng/g)	Liver	LC/MS
Gabapentin	32215 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Gabapentin	251778 (ng/mL, ng/g)	Liver	LC/MS
Atomoxetine	5202 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Atomoxetine	1854 (ng/mL, ng/g)	Liver	LC/MS

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CONTINUATION

CAMI # 202400020001

NAME [REDACTED]

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Morphine	13 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Morphine	76 (ng/mL, ng/g)	Liver	LC/MS
Codeine	39 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Codeine	109 (ng/mL, ng/g)	Liver	LC/MS
Hydrocodone	5 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Hydrocodone	22 (ng/mL, ng/g)	Liver	LC/MS
Dihydrocodeine	1 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Dihydrocodeine	4 (ng/mL, ng/g)	Liver	LC/MS
Meta-Chlorophenylpiperazine	Inconclusive	Blood (Cavity)	GC/MS
Meta-Chlorophenylpiperazine	Detected	Liver	GC/MS
Trazodone	124 (ng/mL, ng/g)	Blood (Cavity)	GC/MS
Trazodone	960 (ng/mL, ng/g)	Liver	GC/MS
Alfuzosin	Detected	Blood (Cavity)	LC/MS
Alfuzosin	Detected	Liver	LC/MS
Guaifenesin	Detected	Blood (Cavity)	LC/MS
Guaifenesin	Detected	Liver	LC/MS
Memantine	Detected	Blood (Cavity)	GC/MS
Memantine	Detected	Liver	GC/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>