

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 4, 2024

NAME [REDACTED] **CAMI #** 202400018001 **NTSB #** CEN24LA099
LOCATION Direct, TX **MODE** Aviation **N #** 23107
DATE OF ACCIDENT 1/24/2024 **DATE RECEIVED** 1/30/2024 **STATUS** FATAL

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

PUTREFACTION No

Screening tests employed

Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
Vitreous - Volatiles (HS GC/FID)
Urine - Volatiles (HS GC/FID)
Brain - Volatiles (HS GC/FID)
Blood (Subclav.) - Volatiles (HS GC/FID)
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	253 (mg/dL, mg/hg)	Blood (Cavity)	HSGC/FID
Ethanol	234 (mg/dL, mg/hg)	Blood (Subclav.)	HSGC/FID
Ethanol	130 (mg/dL, mg/hg)	Urine	HSGC/FID
Ethanol	137 (mg/dL, mg/hg)	Vitreous	HSGC/FID
Ethanol	134 (mg/dL, mg/hg)	Brain	HSGC/FID
Propanol (N-)	Detected	Blood (Cavity)	HSGC/FID
Propanol (N-)	Not Detected	Blood (Subclav.)	HSGC/FID
Propanol (N-)	Detected	Urine	HSGC/FID
Propanol (N-)	Not Detected	Vitreous	HSGC/FID
Propanol (N-)	Not Detected	Brain	HSGC/FID

2024.04.04 16:08:14 -05'00'

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CONTINUATION

CAMI # 202400018001

NAME [REDACTED]

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Glucose	Not Detected	Vitreous	Analyzer
Glucose	10 (mg/dL)	Urine	Analyzer
Delta-8-THC	3.3 (ng/mL, ng/g)	Blood (Subclav.)	LC/MS
Delta-8-THC	4.4 (ng/mL, ng/g)	Urine	LC/MS
Carboxy-Delta-8-THC	30 (ng/mL, ng/g)	Blood (Subclav.)	LC/MS
Carboxy-Delta-8-THC	214.4 (ng/mL, ng/g)	Urine	LC/MS
Carboxy-Delta-9-THC	Detected	Blood (Subclav.)	LC/MS
Carboxy-Delta-9-THC	1 (ng/mL, ng/g)	Urine	LC/MS
11-Hydroxy-THC	Inconclusive	Blood (Subclav.)	LC/MS
11-Hydroxy-THC	Detected	Urine	LC/MS

[REDACTED] 2024.04.04 16:07:48 -05'00'

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>