

FORENSIC TOXICOLOGY REPORT



FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences
P.O. Box [REDACTED], Oklahoma City, Oklahoma 73125
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August 5, 2024

NAME [REDACTED]
LOCATION Siler City, NC
DATE OF ACCIDENT 6/14/2024

CAMI # [REDACTED]
MODE Aviation
DATE RECEIVED 6/25/2024

NTSB # ERA24FA261
N # 515DH
STATUS FATAL

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

PUTREFACTION No

Screening tests employed

Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
Blood (Cavity) - Volatiles (HS GC/FID)
Vitreous - Glucose (Chemical Analyzer)
Blood (Cavity) - Drugs of abuse (Immunoassay)
Blood (Cavity) - 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
Delta-9-THC	3.2 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Delta-9-THC	3.6 (ng/mL, ng/g)	Liver	LC/MS
Carboxy-Delta-9-THC	31 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Carboxy-Delta-9-THC	855.2 (ng/mL, ng/g)	Liver	LC/MS
11-Hydroxy-THC	Not Detected	Blood (Cavity)	LC/MS
11-Hydroxy-THC	6 (ng/mL, ng/g)	Liver	LC/MS
Morphine	2 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Morphine	6 (ng/mL, ng/g)	Liver	LC/MS

[REDACTED] 2024.08.08 09:32:34 -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>