

FORENSIC TOXICOLOGY REPORT



FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences
P.O. Box 25082, Oklahoma City, Oklahoma 73125
[REDACTED]



January 24, 2024

NAME [REDACTED] CAMI # 202300204001 NTSB # CEN24FA049
LOCATION Sterling City, TX MODE Aviation N # 745MB
DATE OF ACCIDENT 11/29/2023 DATE RECEIVED 12/5/2023 STATUS FATAL

SPECIMENS Bile, 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-8-THC	Detected	Blood (Cavity)	LC/MS
Delta-8-THC	Not Detected	Urine	LC/MS
Carboxy-Delta-8-THC	5.5 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Carboxy-Delta-8-THC	56.5 (ng/mL, ng/g)	Urine	LC/MS
Carboxy-Delta-9-THC	Detected	Blood (Cavity)	LC/MS
Carboxy-Delta-9-THC	1.8 (ng/mL, ng/g)	Urine	LC/MS
Vilazodone	230 (ng/mL)	Blood (Cavity)	LC/MS
Vilazodone	173 (ng/mL)	Urine	LC/MS

[REDACTED] 2024.01.26 08:56:13 -06'00'

Russell Lewis, Ph.D., F-ABFT
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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>