

FORENSIC TOXICOLOGY REPORT



FAA Civil Aerospace Medical Institute

Bioaer

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August 26, 2022

NAME [REDACTED]

CAMI # 202200130001

NTSB # CEN22LA335

LOCATION Parkin, AR

MODE Aviation

N # 4046S

DATE OF ACCIDENT 7/23/2022

DATE RECEIVED 8/4/2022

STATUS FATAL

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

PUTREFACTION No

Screening tests employed

- Blood (Heart) - Carboxyhemoglobin (UV/VIS)
- Blood (Heart) - 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 (Heart)	UV/VIS
Ethanol	Not Detected	Blood (Heart)	HSGC/FID
Glucose	Not Detected	Vitreous	Analyzer
Glucose	Not Detected	Urine	Analyzer
Delta-9-THC	1.7 (ng/mL, ng/g)	Blood (Heart)	LC/MS
Delta-9-THC	1.4 (ng/mL, ng/g)	Urine	LC/MS
Carboxy-Delta-9-THC	7.4 (ng/mL, ng/g)	Blood (Heart)	LC/MS
Carboxy-Delta-9-THC	40 (ng/mL, ng/g)	Urine	LC/MS
11-Hydroxy-THC	Not Detected	Blood (Heart)	LC/MS
11-Hydroxy-THC	16.4 (ng/mL, ng/g)	Urine	LC/MS
Delta-8-THC	3.3 (ng/mL, ng/g)	Blood (Heart)	LC/MS
Delta-8-THC	0.8 (ng/mL, ng/g)	Urine	LC/MS
Carboxy-Delta-8-THC	15.3 (ng/mL, ng/g)	Blood (Heart)	LC/MS
Carboxy-Delta-8-THC	120.7 (ng/mL, ng/g)	Urine	LC/MS

[REDACTED] 2022.08.31 10:17:33 -05'00'

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.