

FORENSIC TOXICOLOGY REPORT



FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences
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March 15, 2023

NAME [REDACTED] CAMI # 202300017001 NTSB # CEN23FA095
LOCATION Hooker, OK MODE Aviation N # 6482B
DATE OF ACCIDENT 1/28/2023 DATE RECEIVED 2/1/2023 STATUS FATAL

SPECIMENS Blood (Cavity), Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, 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	60 (mg/dL)	Vitreous	Analyzer
Tramadol	1025 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Tramadol	6248 (ng/mL, ng/g)	Liver	LC/MS
Desmethyldramadol (O-)	136 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Desmethyldramadol (O-)	787 (ng/mL, ng/g)	Liver	LC/MS
Desmethyldramadol (N-)	Inconclusive	Blood (Cavity)	LC/MS
Desmethyldramadol (N-)	414 (ng/mL, ng/g)	Liver	LC/MS

[REDACTED] 2023.03.22 13:46:07 -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>