

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



December 15, 2021

NAME [REDACTED]

CAMI # 202100172001

NTSB # CEN22FA016

LOCATION Stroud, OK

MODE Aviation

N # 419LB

DATE OF ACCIDENT 10/18/2021

DATE RECEIVED 10/19/2021

STATUS FATAL

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

PUTREFACTION No

Screening tests employed

Blood (Heart) - Carboxyhemoglobin (UV/VIS)
Blood (Femoral) - 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 (Femoral)	HSGC/FID
Glucose	Not Detected	Vitreous	Analyzer
Glucose	Not Detected	Urine	Analyzer
Tamsulosin	Detected	Blood (Femoral)	LC/MS
Tamsulosin	Detected	Urine	LC/MS
Delta-9-THC	2.6 (ng/mL, ng/g)	Blood (Femoral)	LC/MS
Delta-9-THC	1.5 (ng/mL, ng/g)	Urine	LC/MS
Carboxy-Delta-9-THC	6.1 (ng/mL, ng/g)	Blood (Femoral)	LC/MS
Carboxy-Delta-9-THC	113.2 (ng/mL, ng/g)	Urine	LC/MS
11-Hydroxy-Delta-9-THC	Negative	Blood (Femoral)	LC/MS
11-Hydroxy-Delta-9-THC	37.2 (ng/mL, ng/g)	Urine	LC/MS

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CONTINUATION

CAMI # 202100172001

NAME [REDACTED]

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Methamphetamine	979 (ng/mL, ng/g)	Blood (Femoral)	GC/MS
Methamphetamine	38864 (ng/mL, ng/g)	Urine	GC/MS
Amphetamine	75 (ng/mL, ng/g)	Blood (Femoral)	GC/MS
Amphetamine	3044 (ng/mL, ng/g)	Urine	GC/MS
Phenylpropanolamine	Not Detected	Blood (Femoral)	GC/MS
Phenylpropanolamine	Detected	Urine	GC/MS
Pseudoephedrine	Not Detected	Blood (Femoral)	GC/MS
Pseudoephedrine	Detected	Urine	GC/MS

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Russell Lewis, Ph.D., F-ABFT
Supervisor, Forensic Sciences
Bioaeronautical Sci. Research Lab
CAMI, 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>