

FORENSIC TOXICOLOGY REPORT



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



November 9, 2023

NAME [REDACTED]

CAMI # 202300165001

NTSB # CEN23LA413

LOCATION Erie, CO

MODE Aviation

N # 820PP

DATE OF ACCIDENT 9/20/2023

DATE RECEIVED 9/26/2023

STATUS FATAL

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

PUTREFACTION No

Screening tests employed

Blood - Carboxyhemoglobin (UV/VIS)
Blood - 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	UV/VIS
Ethanol	Not Detected	Blood	HSGC/FID
Glucose	84 (mg/dL)	Vitreous	Analyzer
Glucose	25 (mg/dL)	Urine	Analyzer
Tramadol	360 (ng/mL, ng/g)	Blood	LC/MS
Tramadol	2119 (ng/mL, ng/g)	Urine	LC/MS
Desmethyltramadol (N-)	Detected	Blood	LC/MS
Desmethyltramadol (N-)	322 (ng/mL, ng/g)	Urine	LC/MS
Desmethyltramadol (O-)	107 (ng/mL, ng/g)	Blood	LC/MS
Desmethyltramadol (O-)	1516 (ng/mL, ng/g)	Urine	LC/MS
Albuterol	Detected	Blood	LC/MS
Albuterol	Detected	Urine	LC/MS
Atorvastatin	Detected	Blood	LC/MS
Atorvastatin	Detected	Urine	LC/MS

[REDACTED]
2023.11.15 14:38:38
-06'00'

FORENSIC TOXICOLOGY REPORT



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



November 9, 2023

CONTINUATION

CAMI # 202300165001

NAME [REDACTED]

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Losartan	Detected	Blood	LC/MS
Losartan	Detected	Urine	LC/MS
Etomidate	Detected	Blood	LC/MS
Etomidate	Detected	Urine	LC/MS
Metoprolol	Detected	Blood	LC/MS
Metoprolol	Detected	Urine	LC/MS
Lidocaine	Detected	Blood	LC/MS
Lidocaine	Detected	Urine	LC/MS

[REDACTED] 2023.11.15 14:37:56 -06'00'

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>