

FORENSIC TOXICOLOGY REPORT



FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences
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January 24, 2024

NAME [REDACTED]

CAMI # 202300209001

NTSB # WPR24FA054

LOCATION Topock, AZ

MODE Aviation

N # 4171S

DATE OF ACCIDENT 12/10/2023

DATE RECEIVED 12/14/2023

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	65 (mg/dL)	Vitreous	Analyzer
Glucose	Not Detected	Urine	Analyzer
Midazolam	58 (ng/mL, ng/g)	Blood (Heart)	LC/MS
Midazolam	15 (ng/mL, ng/g)	Urine	LC/MS
Ketamine	3372 (ng/mL, ng/g)	Blood (Heart)	GC/MS
Ketamine	1045 (ng/mL, ng/g)	Urine	GC/MS
Norketamine	49 (ng/mL, ng/g)	Blood (Heart)	GC/MS
Norketamine	Not Detected	Urine	GC/MS
Atorvastatin	Detected	Blood (Heart)	LC/MS
Atorvastatin	Detected	Urine	LC/MS
Lidocaine	Detected	Blood (Heart)	LC/MS
Lidocaine	Detected	Urine	LC/MS

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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>