

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



January 20, 2023

NAME [REDACTED]

CAMI # 202200220002

NTSB # CEN23FA050

LOCATION Gage, OK

MODE Aviation

N # 2710D

DATE OF ACCIDENT 11/28/2022

DATE RECEIVED 11/30/2022

STATUS FATAL

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

PUTREFACTION No

Screening tests employed

Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
Vitreous - Volatiles (HS GC/FID)
Urine - Volatiles (HS GC/FID)
Blood (Cavity) - 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 (Cavity)	UV/VIS
Ethanol	109 (mg/dL, mg/hg)	Blood (Cavity)	HSGC/FID
Ethanol	159 (mg/dL, mg/hg)	Vitreous	HSGC/FID
Ethanol	199 (mg/dL, mg/hg)	Urine	HSGC/FID
Glucose	Not Detected	Vitreous	Analyzer
Glucose	Not Detected	Urine	Analyzer
Alprazolam	51 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Alprazolam	109 (ng/mL, ng/g)	Urine	LC/MS
Hydroxyalprazolam (Alpha-)	Not Detected	Blood (Cavity)	LC/MS
Hydroxyalprazolam (Alpha-)	58 (ng/mL, ng/g)	Urine	LC/MS
Citalopram	604 (ng/mL, ng/g)	Blood (Cavity)	GC/MS
Citalopram	3334 (ng/mL, ng/g)	Urine	GC/MS

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CONTINUATION

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<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
N-Desmethylocitalopram	78 (ng/mL, ng/g)	Blood (Cavity)	GC/MS
N-Desmethylocitalopram	684 (ng/mL, ng/g)	Urine	GC/MS
Metoprolol	Detected	Blood (Cavity)	LC/MS
Metoprolol	Detected	Urine	LC/MS

2023.01.27 12:52:35
-06'00'

[REDACTED]
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>