



FORENSIC TOXICOLOGY REPORT

FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences
[REDACTED] Oklahoma City, Oklahoma 73125



November 7, 2022

NAME [REDACTED]

CAMI # [REDACTED]

NTSB # ERA22FA422

LOCATION Citra, FL

MODE Aviation

N # 709RD

DATE OF ACCIDENT 9/17/2022

DATE RECEIVED 9/21/2022

STATUS FATAL

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

PUTREFACTION Yes

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	55 (mg/dL, mg/hg)	Blood (Cavity)	HSGC/FID
Ethanol	63 (mg/dL, mg/hg)	Vitreous	HSGC/FID
Ethanol	69 (mg/dL, mg/hg)	Urine	HSGC/FID
Glucose	Not Detected	Vitreous	Analyzer
Glucose	Not Detected	Urine	Analyzer
Delta-9-THC	22.1 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Delta-9-THC	15.8 (ng/mL, ng/g)	Urine	LC/MS
Carboxy-Delta-9-THC	87.8 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Carboxy-Delta-9-THC	277 (ng/mL, ng/g)	Urine	LC/MS
11-Hydroxy-THC	8.9 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
11-Hydroxy-THC	739.4 (ng/mL, ng/g)	Urine	LC/MS

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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



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CONTINUATION

CAMI #	NAME		
<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Citalopram	79 (ng/mL, ng/g)	Blood (Cavity)	GC/MS
Citalopram	Detected	Urine	GC/MS
N-Desmethylocitalopram	51 (ng/mL, ng/g)	Blood (Cavity)	GC/MS
N-Desmethylocitalopram	Detected	Urine	GC/MS
Quetiapine	13 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Quetiapine	17 (ng/mL, ng/g)	Urine	LC/MS
Norquetiapine	13 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Norquetiapine	421 (ng/mL, ng/g)	Urine	LC/MS
Gabapentin	1835 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Gabapentin	88944 (ng/mL, ng/g)	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.