

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



March 28, 2024

NAME [REDACTED]

CAMI # 202400007002

NTSB # ERA24FA088

LOCATION Leyden, MA

MODE Aviation

N # 7345R

DATE OF ACCIDENT 1/14/2024

DATE RECEIVED 1/19/2024

STATUS FATAL

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

PUTREFACTION No

Screening tests employed

Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
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	Not Detected	Blood (Cavity)	HSGC/FID
Glucose	27 (mg/dL)	Vitreous	Analyzer
Glucose	13 (mg/dL)	Urine	Analyzer
Alprazolam	62 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Alprazolam	1016 (ng/mL, ng/g)	Urine	LC/MS
Alpha-Hydroxyalprazolam	Not Detected	Blood (Cavity)	LC/MS
Alpha-Hydroxyalprazolam	730 (ng/mL, ng/g)	Urine	LC/MS
Amitriptyline	27 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Amitriptyline	187 (ng/mL, ng/g)	Urine	LC/MS
Nortriptyline	19 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Nortriptyline	81 (ng/mL, ng/g)	Urine	LC/MS

[REDACTED] 2024.04.01 08:51:17 -05'00'

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CONTINUATION

CAMI # 202400007002

NAME [REDACTED]

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Zolpidem	136 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Zolpidem	467 (ng/mL, ng/g)	Urine	LC/MS
Citalopram	1416 (ng/mL, ng/g)	Blood (Cavity)	GC/MS
Citalopram	29625 (ng/mL, ng/g)	Urine	GC/MS
N-Desmethylocitalopram	Detected	Blood (Cavity)	GC/MS
N-Desmethylocitalopram	5653 (ng/mL, ng/g)	Urine	GC/MS
Atorvastatin	Detected	Blood (Cavity)	LC/MS
Atorvastatin	Detected	Urine	LC/MS
Lisinopril	Detected	Blood (Cavity)	LC/MS
Lisinopril	Detected	Urine	LC/MS
Indomethacin	Detected	Blood (Cavity)	GC/MS
Indomethacin	Detected	Urine	GC/MS

[REDACTED] 2024.04.01 08:50:53 -05'00'

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>