

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



December 11, 2023

NAME Flight Instructor

CAMI # 202300199001

NTSB # ERA24FA038

LOCATION Union City, TN

MODE Aviation

N # 42XM

DATE OF ACCIDENT 11/15/2023

DATE RECEIVED 11/30/2023

STATUS FATAL

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

PUTREFACTION No

Screening tests employed

Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
Urine - 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	Urine	HSGC/FID
Glucose	Not Detected	Urine	Analyzer
Glucose	Not Detected	Vitreous	Analyzer
Drugs	Not Detected	Urine	

2023.12.13 14:52:30
-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>

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January 11, 2024

NAME Private Pilot

CAMI # 202300199002

NTSB # ERA24FA038

LOCATION Union City, TN

MODE Aviation

N # 42Xm

DATE OF ACCIDENT 11/15/2023

DATE RECEIVED 12/1/2023

STATUS FATAL

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

PUTREFACTION No

Screening tests employed

Urine - 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>
Ethanol	Not Detected	Urine	HSGC/FID
Glucose	11 (mg/dL)	Urine	Analyzer
Glucose	Not Detected	Vitreous	Analyzer
Atorvastatin	Detected	Urine	LC/MS
Atorvastatin	Detected	Liver	LC/MS
Ibuprofen	Detected	Urine	GC/MS
Ibuprofen	Detected	Liver	GC/MS
Lisinopril	Detected	Urine	LC/MS
Lisinopril	Detected	Liver	LC/MS
Diclofenac	Detected	Urine	LC/MS
Diclofenac	Inconclusive	Liver	LC/MS

2024.01.18 13:46:55
-06'00'

Russell Lewis, Ph.D., F-ABFT
Manager, Bioaeronautical Sciences Research Branch
Civil Aerospace Medical Institute, FAA

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