

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



August 26, 2024

NAME PILOT **CAMI #** 202400082001 **NTSB #** ERA24FA217
LOCATION Franklin, TN **MODE** Aviation **N #** 47WT
DATE OF ACCIDENT 5/15/2024 **DATE RECEIVED** 6/14/2024 **STATUS** FATAL

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

PUTREFACTION No

Screening tests employed

Blood - Carboxyhemoglobin (UV/VIS)
Blood - 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	UV/VIS
Ethanol	Not Detected	Blood	HSGC/FID
Glucose	Not Detected	Vitreous	Analyzer
Glucose	Not Detected	Urine	Analyzer
Ezetimibe	Detected	Liver	LC/MS
Ezetimibe	Detected	Muscle	LC/MS
Clomiphene	Detected	Liver	LC/MS
Clomiphene	Detected	Muscle	LC/MS
Benazepril	Not Detected	Liver	LC/MS
Benazepril	Detected	Muscle	LC/MS
Benazeprilat	Detected	Liver	LC/MS
Benazeprilat	Detected	Muscle	LC/MS
Meloxicam	Detected	Liver	LC/MS
Meloxicam	Detected	Muscle	LC/MS
Acetaminophen	Detected	Liver	LC/MS
Acetaminophen	Detected	Muscle	LC/MS

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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July 22, 2024

NAME STUDENT PILOT

CAMI # 202400082002

NTSB # ERA24FA217

LOCATION Franklin, TN

MODE Aviation

N # 47WT

DATE OF ACCIDENT 5/15/2024

DATE RECEIVED 6/14/2024

STATUS FATAL

SPECIMENS Bile, 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	Not Detected	Vitreous	Analyzer
Glucose	Not Detected	Urine	Analyzer
Cetirizine	34 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Cetirizine	1461 (ng/mL, ng/g)	Urine	LC/MS

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