

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 27, 2022

PIC [REDACTED]

CAMI # 202200195001

NTSB # ERA23FA024

LOCATION Marietta, OH

MODE Aviation

N # 515GK

DATE OF ACCIDENT 10/18/2022

DATE RECEIVED 10/21/2022

STATUS FATAL

SPECIMENS Brain, Heart, Liver, Lung, Muscle, Spleen

PUTREFACTION No

Screening tests employed

- Liver - Volatiles (HS GC/FID)
- Brain - Volatiles (HS GC/FID)
- Liver - Drugs of abuse (Immunoassay)
- Liver - General drug screen (LC/MS, GC/MS)

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Ethanol	Not Detected	Liver	HSGC/FID
Ethanol	Not Detected	Brain	HSGC/FID
Amlodipine	Detected	Liver	LC/MS
Amlodipine	Detected	Muscle	LC/MS
Atorvastatin	Detected	Liver	LC/MS
Atorvastatin	Detected	Muscle	LC/MS
Carboxy-Delta-8-THC	96.9 (ng/mL, ng/g)	Liver	LC/MS
Carboxy-Delta-8-THC	17.7 (ng/mL, ng/g)	Lung	LC/MS

[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>

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January 10, 2023

SIC [REDACTED]

CAMI # 202200195002

NTSB # ERA23FA024

LOCATION Marietta, OH

MODE Aviation

N # 515GK

DATE OF ACCIDENT 10/18/2022

DATE RECEIVED 10/21/2022

STATUS FATAL

SPECIMENS Heart, Kidney, Liver, Lung, Muscle, Spinal Cord, Spleen

PUTREFACTION No

Screening tests employed

- Muscle - Volatiles (HS GC/FID)
- Liver - Volatiles (HS GC/FID)
- Liver - Drugs of abuse (Immunoassay)
- Liver - General drug screen (LC/MS, GC/MS)

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Ethanol	Not Detected	Liver	HSGC/FID
Ethanol	Not Detected	Muscle	HSGC/FID
Drugs	Not Detected	Liver	

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