

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



October 24, 2023

NAME [REDACTED]
LOCATION Whitesville, KY
DATE OF ACCIDENT 9/27/2023

CAMI # 202300167002
MODE Aviation
DATE RECEIVED 10/3/2023

NTSB # ERA23FA380
N # 3079M
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
Drugs	Not Detected	Urine	

[REDACTED] 2023.10.24 12:48:00 -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>

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October 26, 2023

NAME [REDACTED]
LOCATION Whitesville, KY
DATE OF ACCIDENT 9/27/2023

CAMI # 202300167001
MODE Aviation
DATE RECEIVED 10/3/2023

NTSB # ERA23FA380
N # 3079M
STATUS FATAL

SPECIMENS Bile, Blood (Cavity), Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, Spleen
PUTREFACTION Yes

Screening tests employed

Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
Liver - Volatiles (HS GC/FID)
Brain - Volatiles (HS GC/FID)
Blood (Cavity) - Volatiles (HS GC/FID)
Blood (Cavity) - Drugs of abuse (Immunoassay)
Blood (Cavity) - 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	22 (mg/dL, mg/hg)	Blood (Cavity)	HSGC/FID
Ethanol	22 (mg/dL, mg/hg)	Liver	HSGC/FID
Ethanol	14 (mg/dL, mg/hg)	Brain	HSGC/FID
Propanol (N-)	Detected	Blood (Cavity)	HSGC/FID
Propanol (N-)	Detected	Liver	HSGC/FID
Propanol (N-)	Not Detected	Brain	HSGC/FID
Cetirizine	78 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Cetirizine	Detected	Liver	LC/MS

[REDACTED] 2023.10.26 16:01:52 -05'00'

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Civil Aerospace Medical Institute, FAA

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