

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



July 27, 2023

NAME [REDACTED]
LOCATION Grand Isle, LA
DATE OF ACCIDENT 5/25/2023

CAMI # 202300081001
MODE Aviation
DATE RECEIVED 6/2/2023

NTSB # CEN23FA201
N # 577TZ
STATUS FATAL

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

PUTREFACTION Yes

Screening tests employed

Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
Vitreous - Volatiles (HS GC/FID)
Muscle - 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	Unsuitable	Blood (Cavity)	UV/VIS
Ethanol	278 (mg/dL, mg/hg)	Blood (Cavity)	HSGC/FID
Ethanol	245 (mg/dL, mg/hg)	Vitreous	HSGC/FID
Ethanol	249 (mg/dL, mg/hg)	Muscle	HSGC/FID
Ethanol	283 (mg/dL, mg/hg)	Brain	HSGC/FID
N-Butanol	Detected	Blood (Cavity)	HSGC/FID
N-Butanol	Not Detected	Vitreous	HSGC/FID
N-Butanol	Not Detected	Muscle	HSGC/FID
N-Butanol	Not Detected	Brain	HSGC/FID
Propanol (N-)	Detected	Blood (Cavity)	HSGC/FID
Propanol (N-)	Not Detected	Vitreous	HSGC/FID
Propanol (N-)	Not Detected	Muscle	HSGC/FID
Propanol (N-)	Detected	Brain	HSGC/FID

2023.08.08 15:08:29
-05'00'

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CONTINUATION

CAMI # 202300081001

NAME [REDACTED]

Analyte

Drugs

Result

Not Detected

Specimen

Blood (Cavity)

Instrument

2023.08.08 15:08:11
-05'00'

[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>