

FORENSIC TOXICOLOGY REPORT



FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences
[REDACTED], Oklahoma City, Oklahoma 73125
Ph: [REDACTED], Fax: [REDACTED]



February 10, 2023

NAME [REDACTED]

CAMI # 202300002001

NTSB # CEN23FA071

LOCATION Galliano, LA

MODE Aviation

N # 595RL

DATE OF ACCIDENT 12/29/2022

DATE RECEIVED 1/6/2023

STATUS FATAL

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

PUTREFACTION Yes

Screening tests employed

Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
Vitreous - Volatiles (HS GC/FID)
Urine - Volatiles (HS GC/FID)
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	Unsuitable	Blood (Cavity)	UV/VIS
Ethanol	42 (mg/dL, mg/hg)	Blood (Cavity)	HSGC/FID
Ethanol	29 (mg/dL, mg/hg)	Vitreous	HSGC/FID
Ethanol	Not Detected	Urine	HSGC/FID
Isopropanol	4 (mg/dL, mg/hg)	Blood (Cavity)	HSGC/FID
Isopropanol	Negative	Vitreous	HSGC/FID
Isopropanol	Negative	Urine	HSGC/FID
Propanol (N-)	Detected	Blood (Cavity)	HSGC/FID
Propanol (N-)	Detected	Vitreous	HSGC/FID
Propanol (N-)	Not Detected	Urine	HSGC/FID

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-06'00'



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CONTINUATION

CAMI # 202300002001

NAME [REDACTED]

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
N-Butanol	Detected	Blood (Cavity)	HSGC/FID
N-Butanol	Not Detected	Vitreous	HSGC/FID
N-Butanol	Not Detected	Urine	HSGC/FID
Glucose	Not Detected	Vitreous	Analyzer
Glucose	Not Detected	Urine	Analyzer
Drugs	Not Detected	Urine	

[REDACTED]
2023.02.10 13:00:40
-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>