

FORENSIC TOXICOLOGY REPORT



FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences



August 31, 2023

NAME

CAMI #

NTSB # CEN23FA283

LOCATION Rayville, LA

MODE Aviation

N # 15RP

DATE OF ACCIDENT 7/7/2023

DATE RECEIVED 7/11/2023

STATUS FATAL

SPECIMENS Bile, Kidney, Liver, Lung, Muscle, Spleen

PUTREFACTION Yes

Screening tests employed

Muscle - Volatiles (HS GC/FID)
Lung - Volatiles (HS GC/FID)
Liver - Volatiles (HS GC/FID)
Kidney - 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	57 (mg/dL, mg/hg)	Liver	HSGC/FID
Ethanol	109 (mg/dL, mg/hg)	Lung	HSGC/FID
Ethanol	155 (mg/dL, mg/hg)	Kidney	HSGC/FID
Ethanol	164 (mg/dL, mg/hg)	Muscle	HSGC/FID
Propanol (N-)	Not Detected	Liver	HSGC/FID
Propanol (N-)	Detected	Lung	HSGC/FID
Propanol (N-)	Detected	Kidney	HSGC/FID
Propanol (N-)	Not Detected	Muscle	HSGC/FID
Isopropanol	Not Detected	Liver	HSGC/FID
Isopropanol	Not Detected	Lung	HSGC/FID
Isopropanol	Not Detected	Kidney	HSGC/FID
Isopropanol	12 (mg/dL, mg/hg)	Muscle	HSGC/FID
Phentermine	352 (ng/mL, ng/g)	Liver	GC/MS
Phentermine	174 (ng/mL, ng/g)	Muscle	GC/MS

2023.08.31 17:01:57
-05'00'



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CONTINUATION

CAMI #

NAME

Analyte

Result

Specimen

Instrument

Delta-9-THC

Not Detected

Liver

LC/MS

Delta-9-THC

0.9 (ng/mL, ng/g)

Lung

LC/MS

Carboxy-Delta-9-THC

3.7 (ng/mL, ng/g)

Liver

LC/MS

Carboxy-Delta-9-THC

Not Detected

Lung

LC/MS

2023.08.31 17:01:39 -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.