

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



June 13, 2023

NAME [REDACTED] **CAMI #** 202300067001 **NTSB #** CEN23FA167
LOCATION Lewisville, AR **MODE** Aviation **N #** 31311
DATE OF ACCIDENT 4/30/2023 **DATE RECEIVED** 5/10/2023 **STATUS** FATAL

SPECIMENS Bile, Blood, Blood (Cavity), Blood (Heart), Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, 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	Not Detected	Blood (Cavity)	UV/VIS
Ethanol	20 (mg/dL, mg/hg)	Blood (Cavity)	HSGC/FID
Ethanol	Not Detected	Vitreous	HSGC/FID
Ethanol	Not Detected	Urine	HSGC/FID
Propanol (N-)	Detected	Blood (Cavity)	HSGC/FID
Propanol (N-)	Not Detected	Vitreous	HSGC/FID
Propanol (N-)	Not Detected	Urine	HSGC/FID
Glucose	Not Detected	Vitreous	Analyzer
Glucose	88 (mg/dL)	Urine	Analyzer
Acetaminophen	Detected	Blood (Cavity)	LC/MS
Acetaminophen	Detected	Urine	LC/MS

[REDACTED] 2023.06.14 14:58:23 -05'00'

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CONTINUATION

CAMI # 202300067001

NAME [REDACTED]

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Salicylic Acid	Not Detected	Blood (Cavity)	LC/MS
Salicylic Acid	Detected	Urine	LC/MS
Amlodipine	Detected	Blood (Cavity)	LC/MS
Amlodipine	Detected	Urine	LC/MS
Metformin	Detected	Blood (Cavity)	LC/MS
Metformin	Detected	Urine	LC/MS
Chlorothiazide	Not Detected	Blood (Cavity)	LC/MS
Chlorothiazide	Detected	Urine	LC/MS
Hydrochlorothiazide	Detected	Blood (Cavity)	LC/MS
Hydrochlorothiazide	Detected	Urine	LC/MS
Lisinopril	Detected	Blood (Cavity)	LC/MS
Lisinopril	Detected	Urine	LC/MS
Dextrophan	Detected	Blood (Cavity)	LC/MS
Dextrophan	Inconclusive	Urine	LC/MS
Dextromethorphan	Inconclusive	Blood (Cavity)	LC/MS
Dextromethorphan	Detected	Urine	LC/MS

2023.06.14 14:58:07
-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>