

FORENSIC TOXICOLOGY REPORT



FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences
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October 12, 2022

NAME [REDACTED]

CAMI # 202200153001

NTSB # ERA22LA348

LOCATION Raeford, NC

MODE Aviation

N # 497CA

DATE OF ACCIDENT 7/29/2022

DATE RECEIVED 8/31/2022

STATUS FATAL

SPECIMENS Bile, Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, Spleen, Urine

PUTREFACTION Yes

Screening tests employed

Urine - Volatiles (HS GC/FID)
Liver - Volatiles (HS GC/FID)
Brain - Volatiles (HS GC/FID)
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>
Ethanol	11 (mg/dL, mg/hg)	Urine	HSGC/FID
Ethanol	Not Detected	Brain	HSGC/FID
Ethanol	396 (mg/dL, mg/hg)	Liver	HSGC/FID
Acetone	Not Detected	Urine	HSGC/FID
Acetone	Detected	Brain	HSGC/FID
Acetone	Not Detected	Liver	HSGC/FID
Glucose	Not Detected	Urine	Analyzer
Mitragynine	Detected	Liver	LC/MS
Mitragynine	Detected	Urine	LC/MS

[REDACTED] 2022.10.13 11:22:38 -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>