

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



October 6, 2021

NAME [REDACTED]

CAMI # 202100141001

NTSB # CEN21FA380

LOCATION Adrian, MO

MODE Aviation

N # 70643

DATE OF ACCIDENT 8/22/2021

DATE RECEIVED 8/26/2021

STATUS FATAL

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

PUTREFACTION Yes

Screening tests employed

Vitreous - Volatiles (HS GC/FID)
Urine - 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	UV/VIS
Ethanol	Not Detected	Urine	HSGC/FID
Ethanol	Not Detected	Vitreous	HSGC/FID
Glucose	Not Detected	Urine	Analyzer
Glucose	21 (mg/dL)	Vitreous	Analyzer
Hydrocodone	48 (ng/mL, ng/g)	Urine	LC/MS
Hydrocodone	3 (ng/mL, ng/g)	Liver	LC/MS
Hydrocodone	2 (ng/mL, ng/g)	Brain	LC/MS
Dihydrocodeine	49 (ng/mL, ng/g)	Urine	LC/MS
Dihydrocodeine	Not Detected	Liver	LC/MS
Dihydrocodeine	Not Detected	Brain	LC/MS

[REDACTED]

2021.10.12 13:57:18 -05'00'

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CONTINUATION

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NAME [REDACTED]

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Morphine	414 (ng/mL, ng/g)	Urine	LC/MS
Morphine	Inconclusive	Liver	LC/MS
Morphine	Not Detected	Brain	LC/MS
Hydromorphone	43 (ng/mL, ng/g)	Urine	LC/MS
Hydromorphone	Inconclusive	Liver	LC/MS
Hydromorphone	Not Detected	Brain	LC/MS

[REDACTED] 2021.10.12 13:56:57 -05'00'

Russell Lewis, Ph.D., F-ABFT
Supervisor, Forensic Sciences
Bioaeronautical Sci. Research Lab
CAMI, 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>