

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 12, 2021

NAME [REDACTED]

CAMI # 202100155001

NTSB # WPR21FA340

LOCATION Lake Havasu City, AZ

MODE Aviation

N # 2085Q

DATE OF ACCIDENT 9/12/2021

DATE RECEIVED 9/23/2021

STATUS FATAL

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

PUTREFACTION Yes

Screening tests employed

Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
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	Not Detected	Blood (Cavity)	HSGC/FID
Glucose	18 (mg/dL)	Vitreous	Analyzer
Glucose	10 (mg/dL)	Urine	Analyzer
Tramadol	165 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Tramadol	5647 (ng/mL, ng/g)	Urine	LC/MS
Desmethyltramadol (O-)	44 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Desmethyltramadol (O-)	1855 (ng/mL, ng/g)	Urine	LC/MS
Hydrocodone	Detected	Blood (Cavity)	LC/MS
Hydrocodone	367 (ng/mL, ng/g)	Urine	LC/MS
Hydromorphone	Not Detected	Blood (Cavity)	LC/MS
Hydromorphone	119 (ng/mL, ng/g)	Urine	LC/MS
Dihydrocodeine	Not Detected	Blood (Cavity)	LC/MS
Dihydrocodeine	156 (ng/mL, ng/g)	Urine	LC/MS

2021.10.20 10:05:45
-05'00'

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CONTINUATION

CAMI # 202100155001

NAME [REDACTED]

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Diphenhydramine	122 (ng/mL, ng/g)	Blood (Cavity)	GC/MS
Diphenhydramine	Detected	Urine	GC/MS
Acetaminophen	Detected	Blood (Cavity)	LC/MS
Acetaminophen	Detected	Urine	LC/MS
Loratadine	Detected	Blood (Cavity)	LC/MS
Loratadine	Not Detected	Urine	LC/MS
Desloratadine	Detected	Blood (Cavity)	LC/MS
Desloratadine	Detected	Urine	LC/MS

[REDACTED]

2021.10.20 10:05:24 -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>