

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



July 20, 2022

NAME [REDACTED]
LOCATION Buckeye, AZ
DATE OF ACCIDENT 6/18/2022

CAMI # 202200092001
MODE Aviation
DATE RECEIVED 6/22/2022

NTSB # WPR22FA215
N # 13AR
STATUS FATAL

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

PUTREFACTION No

Screening tests employed

- Blood (Cavity) - Hemoglobin A1c (Analyzer)
- Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
- Blood (Cavity) - Volatiles (HS GC/FID)
- Vitreous - Glucose (Chemical Analyzer)
- Blood (Cavity) - Drugs of abuse (Immunoassay)
- Blood (Cavity) - 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	132 (mg/dL)	Vitreous	Analyzer
Hemoglobin A1C	5.7 (%)	Blood (Cavity)	Analyzer
Fentanyl	1.6 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Fentanyl	10.7 (ng/mL, ng/g)	Liver	LC/MS
Norfentanyl	Not Detected	Blood (Cavity)	LC/MS
Norfentanyl	0.5 (ng/mL, ng/g)	Liver	LC/MS
Ketamine	2451 (ng/mL, ng/g)	Blood (Cavity)	GC/MS
Ketamine	3884 (ng/mL, ng/g)	Liver	GC/MS
Norketamine	688 (ng/mL, ng/g)	Blood (Cavity)	GC/MS
Norketamine	3225 (ng/mL, ng/g)	Liver	GC/MS
Hydroxybupropion	Not Detected	Blood (Cavity)	LC/MS
Hydroxybupropion	10 (ng/mL, ng/g)	Liver	LC/MS

[REDACTED] 2022.07.25 14:52:13 -05'00'

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



July 20, 2022

CONTINUATION

CAMI # 202200092001

NAME [REDACTED]

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Carbamazepine	Not Detected	Blood (Cavity)	LC/MS
Carbamazepine	Detected	Liver	LC/MS
Cetirizine	Not Detected	Blood (Cavity)	LC/MS
Cetirizine	Detected	Liver	LC/MS
N-Desmethylcitalopram	Not Detected	Blood (Cavity)	GC/MS
N-Desmethylcitalopram	Detected	Liver	GC/MS
Desmethylvenlafaxine (O-)	Not Detected	Blood (Cavity)	LC/MS
Desmethylvenlafaxine (O-)	Detected	Liver	LC/MS
Amlodipine	Not Detected	Blood (Cavity)	LC/MS
Amlodipine	Detected	Liver	LC/MS
Glipizide	Detected	Blood (Cavity)	LC/MS
Glipizide	Detected	Liver	LC/MS
Lidocaine	Detected	Blood (Cavity)	LC/MS
Lidocaine	Detected	Liver	LC/MS

[REDACTED] 2022.07.25 14:51:49 -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>