

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, 2021

NAME [REDACTED]

CAMI # 202100077001

NTSB # WPR21FA211

LOCATION Eden, UT

MODE Aviation

N # 1727T

DATE OF ACCIDENT 5/29/2021

DATE RECEIVED 6/7/2021

STATUS FATAL

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

PUTREFACTION No

Screening tests employed

Blood (Heart) - Carboxyhemoglobin (UV/VIS)
Blood (Heart) - Volatiles (HS GC/FID)
Vitreous - Glucose (Chemical Analyzer)
Blood (Heart) - Drugs of abuse (Immunoassay)
Blood (Heart) - General drug screen (LC/MS, GC/MS)

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Carboxyhemoglobin	Not Detected	Blood (Heart)	UV/VIS
Ethanol	Not Detected	Blood (Heart)	GC/MS
Glucose	Not Detected	Vitreous	Analyzer
Propofol	Detected	Blood (Heart)	GC/MS
Propofol	Unsuitable	Liver	GC/MS
Morphine	586 (ng/mL, ng/g)	Blood (Heart)	LC/MS
Morphine	140 (ng/mL, ng/g)	Liver	LC/MS
Ketamine	177 (ng/mL, ng/g)	Blood (Heart)	GC/MS
Ketamine	68 (ng/mL, ng/g)	Liver	GC/MS
Norketamine	156 (ng/mL, ng/g)	Blood (Heart)	GC/MS
Norketamine	127 (ng/mL, ng/g)	Liver	GC/MS
Fentanyl	5.3 (ng/mL, ng/g)	Blood (Heart)	LC/MS
Fentanyl	68.1 (ng/mL, ng/g)	Liver	LC/MS



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July 20, 2021

CONTINUATION

CAMI # 202100077001

NAME [REDACTED]

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Norfentanyl	1.1 (ng/mL, ng/g)	Blood (Heart)	LC/MS
Norfentanyl	8.3 (ng/mL, ng/g)	Liver	LC/MS
Lorazepam	36 (ng/mL, ng/g)	Blood (Heart)	LC/MS
Lorazepam	113 (ng/mL, ng/g)	Liver	LC/MS
Midazolam	Not Detected	Blood (Heart)	LC/MS
Midazolam	20 (ng/mL, ng/g)	Liver	LC/MS

[REDACTED]

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>

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June 24, 2021

NAME [REDACTED]

CAMI # 202100077002

NTSB # WPR21FA211

LOCATION Eden, UT

MODE Aviation

N # 1727T

DATE OF ACCIDENT 5/29/2021

DATE RECEIVED 6/7/2021

STATUS FATAL

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

PUTREFACTION No

Screening tests employed

Blood (Heart) - Carboxyhemoglobin (UV/VIS)

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Vitreous - Glucose (Chemical Analyzer)

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Blood (Heart) - General drug screen (LC/MS, GC/MS)

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Carboxyhemoglobin	Not Detected	Blood (Heart)	UV/VIS
Ethanol	Not Detected	Blood (Heart)	GC/MS
Glucose	Not Detected	Vitreous	Analyzer
Drugs	Not Detected	Blood (Heart)	

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