

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



November 2, 2020

NAME [REDACTED]

CAMI # 202000125001

NTSB # WPR20LA270

LOCATION Susanville, CA

MODE Aviation

N # 91449

DATE OF ACCIDENT 8/15/2020

DATE RECEIVED 8/19/2020

STATUS FATAL

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

PUTREFACTION No

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	Not Detected	Urine	Analyzer
Glucose	8 (mg/dL)	Vitreous	Analyzer
Cocaine	Negative	Blood (Cavity)	GC/MS
Cocaine	30 (ng/mL, ng/g)	Urine	GC/MS
Cocaethylene	Negative	Blood (Cavity)	GC/MS
Cocaethylene	30 (ng/mL, ng/g)	Urine	GC/MS
Benzoyllecgonine	190 (ng/mL, ng/g)	Blood (Cavity)	GC/MS
Benzoyllecgonine	6466 (ng/mL, ng/g)	Urine	GC/MS
Ecgonine Methyl Ester	Detected	Blood (Cavity)	GC/MS
Ecgonine Methyl Ester	Detected	Urine	GC/MS

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CONTINUATION

CAMI # 202000125001

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<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Diazepam	81 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Diazepam	8 (ng/mL, ng/g)	Urine	LC/MS
Nordiazepam	91 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Nordiazepam	120 (ng/mL, ng/g)	Urine	LC/MS
Oxazepam	Negative	Blood (Cavity)	LC/MS
Oxazepam	335 (ng/mL, ng/g)	Urine	LC/MS
Temazepam	Negative	Blood (Cavity)	LC/MS
Temazepam	396 (ng/mL, ng/g)	Urine	LC/MS
Phentermine	60 (ng/mL, ng/g)	Blood (Cavity)	GC/MS
Phentermine	921 (ng/mL, ng/g)	Urine	GC/MS

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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>