

FORENSIC TOXICOLOGY REPORT



FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences
[REDACTED], Oklahoma City, Oklahoma 73125
Ph: [REDACTED] Fax: [REDACTED]



December 11, 2020

NAME [REDACTED]

CAMI # 202000147001

NTSB # WPR20LA295

LOCATION Three Rivers, CA

MODE Aviation

N # 818S

DATE OF ACCIDENT 9/4/2020

DATE RECEIVED 9/15/2020

STATUS FATAL

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

PUTREFACTION No

Screening tests employed

Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
Vitreous - Volatiles (HS GC/FID)
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	32 (mg/dL, mg/hg)	Blood (Cavity)	HSGC/FID
Ethanol	Not Detected	Vitreous	HSGC/FID
Glucose	29 (mg/dL)	Vitreous	Analyzer
Amphetamine	306 (ng/mL, ng/g)	Blood (Cavity)	GC/MS
Amphetamine	48 (ng/mL, ng/g)	Liver	GC/MS
Methamphetamine	13398 (ng/mL, ng/g)	Blood (Cavity)	GC/MS
Methamphetamine	987 (ng/mL, ng/g)	Liver	GC/MS
Metoprolol	Detected	Blood (Cavity)	LC/MS
Metoprolol	Detected	Liver	LC/MS
Torsemide	Detected	Blood (Cavity)	LC/MS
Torsemide	Detected	Liver	LC/MS

[REDACTED] 2020.12.11 11:50:12 -06'00'

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December 11, 2020

CONTINUATION

CAMI # 202000147001

NAME Nepinsky, Brian C.

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Valsartan	Detected	Blood (Cavity)	LC/MS
Valsartan	Detected	Liver	LC/MS

2020.12.11 11:50:33 -06'00'

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>