

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



August 2, 2024

NAME [REDACTED]

CAMI # 202400077001

NTSB # WPR24FA185

LOCATION Picacho Peak, AZ

MODE Aviation

N # 518D

DATE OF ACCIDENT 6/8/2024

DATE RECEIVED 6/12/2024

STATUS FATAL

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

PUTREFACTION Yes

Screening tests employed

Blood (Cavity) - Hemoglobin A1c (Analyzer)
Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
Vitreous - Volatiles (HS GC/FID)
Urine - Volatiles (HS GC/FID)
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	19 (mg/dL, mg/hg)	Blood (Cavity)	HSGC/FID
Ethanol	Not Detected	Vitreous	HSGC/FID
Ethanol	Not Detected	Urine	HSGC/FID
Propanol (N-)	Detected	Blood (Cavity)	HSGC/FID
Propanol (N-)	Not Detected	Vitreous	HSGC/FID
Propanol (N-)	Not Detected	Urine	HSGC/FID
Glucose	Not Detected	Vitreous	Analyzer
Glucose	1797 (mg/dL)	Urine	Analyzer
Hemoglobin A1C	4.1 (%)	Blood (Cavity)	Analyzer
Diphenhydramine	386 (ng/mL, ng/g)	Blood (Cavity)	GC/MS
Diphenhydramine	Detected	Liver	GC/MS

[REDACTED] 2024.08.06 12:48:22 -05'00'

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CONTINUATION

CAMI # 202400077001

NAME [REDACTED]

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Acetaminophen	Detected	Blood (Cavity)	LC/MS
Acetaminophen	Detected	Liver	LC/MS
Loratadine	Detected	Blood (Cavity)	LC/MS
Loratadine	Detected	Liver	LC/MS
Desloratadine	Detected	Blood (Cavity)	LC/MS
Desloratadine	Detected	Liver	LC/MS
Tamsulosin	Detected	Blood (Cavity)	LC/MS
Tamsulosin	Detected	Liver	LC/MS
Atorvastatin	Detected	Blood (Cavity)	LC/MS
Atorvastatin	Detected	Liver	LC/MS
Valsartan	Detected	Blood (Cavity)	LC/MS
Valsartan	Detected	Liver	LC/MS
Carvedilol	Detected	Blood (Cavity)	LC/MS
Carvedilol	Detected	Liver	LC/MS
Sacubitril	Detected	Blood (Cavity)	LC/MS
Sacubitril	Not Detected	Liver	LC/MS
Desethyl Sacubitril	Detected	Blood (Cavity)	LC/MS
Desethyl Sacubitril	Detected	Liver	LC/MS

[REDACTED] 2024.08.06 12:48:04 -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>