

FORENSIC TOXICOLOGY REPORT



FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences
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January 12, 2023

NAME Pilot **CAMI #** 202200183001 **NTSB #** DCA22MA193
LOCATION Freeland, WA **MODE** Aviation **N #** 725TH
DATE OF ACCIDENT 9/4/2022 **DATE RECEIVED** 10/4/2022 **STATUS** FATAL

SPECIMENS Brain, Heart, Kidney, Liver, Lung, Muscle, Spleen, Urine

PUTREFACTION Yes

Screening tests employed

- Urine - Volatiles (HS GC/FID)
- Liver - Volatiles (HS GC/FID)
- Brain - Volatiles (HS GC/FID)
- 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>
Ethanol	58 (mg/dL, mg/hg)	Urine	HSGC/FID
Ethanol	48 (mg/dL, mg/hg)	Liver	HSGC/FID
Ethanol	48 (mg/dL, mg/hg)	Brain	HSGC/FID
Propanol (N-)	Detected	Urine	HSGC/FID
Propanol (N-)	Not Detected	Liver	HSGC/FID
Propanol (N-)	Not Detected	Brain	HSGC/FID
Glucose	Not Detected	Urine	Analyzer
Oxymetazoline	Detected	Urine	LC/MS
Oxymetazoline	Detected	Liver	LC/MS
Sildenafil	Not Detected	Urine	LC/MS
Sildenafil	Detected	Liver	LC/MS
Desmethylsildenafil	Detected	Urine	LC/MS
Desmethylsildenafil	Detected	Liver	LC/MS

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Russell Lewis, Ph.D., F-ABFT
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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>