

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



April 12, 2023

[REDACTED]

CAMI # 202300029001

NTSB # WPR23FA110

LOCATION Grass Valley, CA

MODE Aviation

N # 420PF

DATE OF ACCIDENT 2/19/2023

DATE RECEIVED 3/1/2023

STATUS FATAL

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

PUTREFACTION No

Screening tests employed

- Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
- 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	Not Detected	Blood (Cavity)	HSGC/FID
Glucose	Not Detected	Vitreous	Analyzer
Delta-9-THC	Detected	Blood (Femoral)	LC/MS
Delta-9-THC	2 (ng/mL, ng/g)	Lung	LC/MS
Carboxy-Delta-9-THC	16.3 (ng/mL, ng/g)	Blood (Femoral)	LC/MS
Carboxy-Delta-9-THC	18.2 (ng/mL, ng/g)	Lung	LC/MS
11-Hydroxy-THC	1.7 (ng/mL, ng/g)	Blood (Femoral)	LC/MS
11-Hydroxy-THC	2 (ng/mL, ng/g)	Lung	LC/MS

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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>