

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



October 26, 2022

[REDACTED]

CAMI # 202200150001

NTSB # WPR22FA309

LOCATION Watsonville, CA

MODE Aviation

N # 49931

DATE OF ACCIDENT 8/18/2022

DATE RECEIVED 8/26/2022

STATUS FATAL

SPECIMENS Bile, Blood (Cavity), Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, 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 | Vitreous | Analyzer |
| Glucose | Not Detected | Urine | Analyzer |
| Salicylic Acid | Detected | Blood (Cavity) | LC/MS |
| Salicylic Acid | Detected | Urine | LC/MS |
| Benzoyllecgonine | Detected | Blood (Cavity) | GC/MS |
| Benzoyllecgonine | 438 (ng/mL, ng/g) | Urine | GC/MS |
| Ecgonine Methyl Ester | Not Detected | Blood (Cavity) | GC/MS |
| Ecgonine Methyl Ester | Detected | Urine | GC/MS |
| Ketamine | Detected | Blood (Cavity) | GC/MS |
| Ketamine | 34 (ng/mL, ng/g) | Urine | GC/MS |
| Norketamine | 25 (ng/mL, ng/g) | Blood (Cavity) | GC/MS |
| Norketamine | 208 (ng/mL, ng/g) | Urine | GC/MS |

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CONTINUATION

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NAME [REDACTED]

| <u>Analyte</u> | <u>Result</u> | <u>Specimen</u> | <u>Instrument</u> |
|---------------------|---------------------|-----------------|-------------------|
| Delta-9-THC | 1.1 (ng/mL, ng/g) | Blood (Cavity) | LC/MS |
| Delta-9-THC | Not Detected | Urine | LC/MS |
| Carboxy-Delta-9-THC | 10.6 (ng/mL, ng/g) | Blood (Cavity) | LC/MS |
| Carboxy-Delta-9-THC | 139.7 (ng/mL, ng/g) | Urine | LC/MS |

2022.10.27 09:36:55
-05'00'

[REDACTED]
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>