

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



May 5, 2023

LOCATION Port O'Connor, TX
DATE OF ACCIDENT 3/6/2023

CAMI # 202300035001
MODE Aviation
DATE RECEIVED 3/14/2023

NTSB # CEN23FA125
N # 494SH
STATUS FATAL

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

PUTREFACTION Yes

Screening tests employed

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 | 12 (mg/dL, mg/hg) | Blood (Cavity) | HSGC/FID |
| Ethanol | Not Detected | Vitreous | HSGC/FID |
| Ethanol | Not Detected | Urine | HSGC/FID |
| Acetone | Detected | Blood (Cavity) | HSGC/FID |
| Acetone | Not Detected | Vitreous | HSGC/FID |
| Acetone | 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 | Not Detected | Urine | Analyzer |



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CONTINUATION

CAMI # 202300035001

| <u>Analyte</u> | <u>Result</u> | <u>Specimen</u> | <u>Instrument</u> |
|--------------------|-------------------|-----------------|-------------------|
| Norchlorcyclizine | Detected | Blood (Cavity) | LC/MS |
| Norchlorcyclizine | Detected | Urine | LC/MS |
| Cetirizine | 121 (ng/mL, ng/g) | Blood (Cavity) | LC/MS |
| Cetirizine | 794 (ng/mL, ng/g) | Urine | LC/MS |
| Sildenafil | Inconclusive | Blood (Cavity) | LC/MS |
| Sildenafil | Detected | Urine | LC/MS |
| Desmethysildenafil | Detected | Blood (Cavity) | LC/MS |
| Desmethysildenafil | Detected | Urine | LC/MS |
| Acetaminophen | Detected | Blood (Cavity) | LC/MS |
| Acetaminophen | Detected | Urine | LC/MS |

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>