

# 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



September 8, 2022

**NAME** [REDACTED] **CAMI #** 202200121001 **NTSB #** WPR22FA254  
**LOCATION** Topeka, KS **MODE** Aviation **N #** 283S  
**DATE OF ACCIDENT** 7/16/2022 **DATE RECEIVED** 7/26/2022 **STATUS** FATAL

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

**PUTREFACTION** No

### Screening tests employed

- Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
- Vitreous - Volatiles (HS GC/FID)
- Muscle - Volatiles (HS GC/FID)
- Liver - Volatiles (HS GC/FID)
- Kidney - Volatiles (HS GC/FID)
- Gastric - Volatiles (HS GC/FID)
- Brain - Volatiles (HS GC/FID)
- Blood (Cavity) - Volatiles (HS GC/FID)
- 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	69 (mg/dL, mg/hg)	Blood (Cavity)	HSGC/FID
Ethanol	77 (mg/dL, mg/hg)	Vitreous	HSGC/FID
Ethanol	390 (mg/dL, mg/hg)	Gastric	HSGC/FID
Ethanol	26 (mg/dL, mg/hg)	Liver	HSGC/FID
Ethanol	67 (mg/dL, mg/hg)	Kidney	HSGC/FID
Ethanol	83 (mg/dL, mg/hg)	Muscle	HSGC/FID
Ethanol	Inconclusive	Brain	HSGC/FID
Drugs	Not Detected	Blood (Cavity)	

[REDACTED] 2022.09.08 17:16:49 -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>