

# 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



November 19, 2019

**NAME** [REDACTED]

**CAMI #** 201900224002

**NTSB #** CEN20FA001

**LOCATION** Lansing, MI

**MODE** Aviation

**N #** 700AQ

**DATE OF ACCIDENT** 10/3/2019

**DATE RECEIVED** 10/15/2019

**STATUS** FATAL

**SPECIMENS** Blood (Cavity), Brain, Muscle, Spleen

**PUTREFACTION** No

## Screening tests employed

Blood (Cavity) - Carboxyhemoglobin (UV/VIS)  
Muscle - 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	Not Detected	Blood (Cavity)	HSGC/FID
Ethanol	Not Detected	Muscle	HSGC/FID
Ethanol	Not Detected	Brain	HSGC/FID
Isopropanol	27 (mg/dL, mg/hg)	Blood (Cavity)	HSGC/FID
Isopropanol	Not Detected	Muscle	HSGC/FID
Isopropanol	Not Detected	Brain	HSGC/FID
Albuterol	Detected	Blood (Cavity)	LC/MS
Albuterol	Detected	Muscle	LC/MS

[REDACTED]

c=US, o=U.S. Government, ou=AMC,  
ou=AMC, cn=RUSSELL J LEWIS  
2019.11.20 15:26:00 -06'00'

Russell Lewis, Ph.D., F-ABFT  
Supervisor, Forensic Sciences  
Bioaeronautical Sci. Research Lab  
CAMI, 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>