

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



August 21, 2020

NAME [REDACTED] **CAMI #** 202000110001 **NTSB #** CEN20LA309
LOCATION Corsica, SD **MODE** Aviation **N #** 53163
DATE OF ACCIDENT 7/27/2020 **DATE RECEIVED** 7/30/2020 **STATUS** FATAL

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

PUTREFACTION No

Screening tests employed

Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
Blood (Iliac) - 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 (Iliac)	HSGC/FID
Glucose	Not Detected	Vitreous	Analyzer
Glucose	8 (mg/dL)	Urine	Analyzer
Carboxy-Delta-9-THC	1.3 (ng/mL, ng/g)	Blood (Iliac)	LC/MS
Carboxy-Delta-9-THC	37.7 (ng/mL, ng/g)	Urine	LC/MS
11-Hydroxy-Delta-9-THC	Not Detected	Blood	LC/MS
11-Hydroxy-Delta-9-THC	1.9 (ng/mL, ng/g)	Urine	LC/MS
Pheniramine	Not Detected	Blood (Iliac)	GC/MS
Pheniramine	Detected	Urine	GC/MS
Albuterol	Not Detected	Blood (Iliac)	LC/MS
Albuterol	Detected	Urine	LC/MS

c=US, o=U.S. Government, ou=AMC, ou=AMC, cn=RUSSELL J LEWIS
2020.08.24 15:27:48 -05'00'

[REDACTED]
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>