

FORENSIC TOXICOLOGY REPORT



FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences
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October 25, 2019

NAME [REDACTED]
LOCATION Minneola, FL
DATE OF ACCIDENT 8/23/2019

CAMI # 201900189001
MODE Aviation
DATE RECEIVED 8/27/2019

NTSB # ERA19FA256
N # 9143M
STATUS FATAL

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

PUTREFACTION No

Screening tests employed

- Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
- Blood (Cavity) - Volatiles (HS GC/FID)
- Blood (Cavity) - General drug screen (LC/MS, GC/MS)
- Blood (Cavity) - Drugs of abuse (Immunoassay)
- Vitreous - Glucose (Chemical Analyzer)

<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
Delta-9-THC	7.4 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Delta-9-THC	3 (ng/mL, ng/g)	Liver	LC/MS
Carboxy-Delta-9-THC	16.4 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Carboxy-Delta-9-THC	107.8 (ng/mL, ng/g)	Liver	LC/MS
11-Hydroxy-Delta-9-THC	0.9 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
11-Hydroxy-Delta-9-THC	Inconclusive	Liver	LC/MS

[REDACTED]

c=US, o=U.S. Government, ou=AMC, ou=AMC, cn=RUSSELL J
LEWIS
2019.10.25 15:09:28 -05'00'

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>