

FORENSIC TOXICOLOGY REPORT



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

NAME PILOT
LOCATION Russellville, AL
DATE OF ACCIDENT 9/2/2019

CAMI # 201900194001
MODE Aviation
DATE RECEIVED 9/6/2019

NTSB # ERA19LA263
N # 90104
STATUS FATAL

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

PUTREFACTION No

Screening tests employed

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

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Carboxyhemoglobin	Not Detected	Blood (Cardiac)	UV/VIS
Ethanol	Not Detected	Blood (Cardiac)	HSGC/FID
Glucose	Not Detected	Urine	Analyzer
Carboxy-Delta-9-THC	11.1 (ng/mL, ng/g)	Blood (Cardiac)	LC/MS
Carboxy-Delta-9-THC	66.1 (ng/mL, ng/g)	Urine	LC/MS
11-Hydroxy-Delta-9-THC	Not Detected	Blood (Cardiac)	LC/MS
11-Hydroxy-Delta-9-THC	4.6 (ng/mL, ng/g)	Urine	LC/MS

c=US, o=U.S. Government, ou=AMC, ou=AMC,
cn=RUSSELL J LEWIS
2019.10.29 11:12:31 -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>