

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



February 27, 2020

NAME [REDACTED]

CAMI # 202000012001

NTSB # ERA20FA063

LOCATION Cullman, AL

MODE Aviation

N # 420PW

DATE OF ACCIDENT 1/5/2020

DATE RECEIVED 1/22/2020

STATUS FATAL

SPECIMENS Bile, Blood, Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, Spleen, Urine, Vitreous

PUTREFACTION No

Screening tests employed

Blood - Carboxyhemoglobin (UV/VIS)
Blood - 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	UV/VIS
Ethanol	Not Detected	Blood	HSGC/FID
Glucose	5 (mg/dL)	Vitreous	Analyzer
Glucose	Not Detected	Urine	Analyzer
Cocaine	Not Detected	Blood	GC/MS
Cocaine	Detected	Urine	GC/MS
Benzoyllecgonine	53 (ng/mL, ng/g)	Blood	GC/MS
Benzoyllecgonine	2134 (ng/mL, ng/g)	Urine	GC/MS
Ecgonine Methyl Ester	Detected	Blood	GC/MS
Ecgonine Methyl Ester	Detected	Urine	GC/MS
Delta-9-THC	Negative	Blood	LC/MS
Delta-9-THC	Negative	Urine	LC/MS
Carboxy-Delta-9-THC	1.5 (ng/mL, ng/g)	Blood	LC/MS
Carboxy-Delta-9-THC	15.2 (ng/mL, ng/g)	Urine	LC/MS

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CONTINUATION

CAMI # 202000012001

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<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
11-Hydroxy-Delta-9-THC	Negative	Blood	LC/MS
11-Hydroxy-Delta-9-THC	2.6 (ng/mL, ng/g)	Urine	LC/MS


[REDACTED]

c=US, o=U.S. Government, ou=AMC,
ou=AMC, cn=RUSSELL J LEWIS
2020.03.03 14:24:28 -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>