

FORENSIC TOXICOLOGY REPORT



FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences
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October 9, 2019

NAME [REDACTED] **Pilot** **CAMI #** 201900178001 **NTSB #** ERA19LA247
LOCATION Boone, NC **MODE** Aviation **N #** 5020X
DATE OF ACCIDENT 8/14/2019 **DATE RECEIVED** 8/19/2019 **STATUS** FATAL

SPECIMENS Blood, Blood (Aortic), Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, Serum, Spleen, Urine, Vitreous

PUTREFACTION Yes

Screening tests employed

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

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Carboxyhemoglobin	Not Detected	Blood	UV/VIS
Ethanol	Not Detected	Urine	HSGC/FID
Glucose	Not Detected	Urine	Analyzer
Fentanyl	Detected	Blood	LC/MS
Fentanyl	22.6 (ng/mL, ng/g)	Urine	LC/MS
Norfentanyl	Not Detected	Blood	LC/MS
Norfentanyl	5.2 (ng/mL, ng/g)	Urine	LC/MS
Lidocaine	Detected	Blood (Aortic)	LC/MS
Lidocaine	Not Detected	Urine	LC/MS
Irbesartan	Detected	Blood (Aortic)	LC/MS
Irbesartan	Detected	Urine	LC/MS

[REDACTED]
c=US, o=U.S. Government, ou=AMC, ou=AMC,
cn=RUSSELL J LEWIS
2019.10.11 11:40:35 -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>