

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



June 22, 2020

NAME [REDACTED] **CAMI #** 202000066001 **NTSB #** CEN20LA179
LOCATION Burlington, WI **MODE** Aviation **N #** 1JA
DATE OF ACCIDENT 5/15/2020 **DATE RECEIVED** 5/21/2020 **STATUS** FATAL

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

PUTREFACTION No

Screening tests employed

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

<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	25 (mg/dL)	Urine	Analyzer
Glucose	9 (mg/dL)	Vitreous	Analyzer
Fentanyl	1.5 (ng/mL, ng/g)	Blood (Cardiac)	LC/MS
Fentanyl	4 (ng/mL, ng/g)	Liver	LC/MS
Hydroxybupropion	Detected	Blood (Cardiac)	LC/MS
Hydroxybupropion	19 (ng/mL, ng/g)	Liver	LC/MS
Midazolam	24 (ng/mL, ng/g)	Blood (Cardiac)	LC/MS
Midazolam	8 (ng/mL, ng/g)	Liver	LC/MS
Etomidate	Detected	Blood (Cardiac)	LC/MS
Etomidate	Detected	Liver	LC/MS
Lidocaine	Detected	Blood (Cardiac)	LC/MS
Lidocaine	Detected	Liver	LC/MS

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CONTINUATION

CAMI # 202000066001

NAME [REDACTED]

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Naproxen	Detected	Blood (Cardiac)	LC/MS
Naproxen	Detected	Liver	LC/MS
Warfarin	Detected	Blood (Cardiac)	LC/MS
Warfarin	Detected	Liver	LC/MS
Torsemide	Detected	Blood (Cardiac)	LC/MS
Torsemide	Detected	Liver	LC/MS



c=US, o=U.S. Government, ou=AMC, ou=AMC,
cn=RUSSELL J LEWIS
2020.06.22 15:57:58 -05'00'

Russell Lewis, Ph.D., F-ABFT
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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>