

FORENSIC TOXICOLOGY REPORT



FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences
P.O. Box 25082, Oklahoma City, Oklahoma 73125



December 7, 2020

NAME [REDACTED] CAMI # 202000158001 NTSB # CEN20LA417
LOCATION Harker Heights, TX MODE Aviation N # 9045Z
DATE OF ACCIDENT 9/24/2020 DATE RECEIVED 9/29/2020 STATUS FATAL

SPECIMENS Blood (Cavity), Blood (Femoral), Blood (Subclav.), Brain, Gastric, Heart, Kidney, Liver, Lung,
Muscle, Spleen, Urine, Vitreous

PUTREFACTION No

Screening tests employed

Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
Blood (Cavity) - 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 (Cavity)	UV/VIS
Ethanol	Not Detected	Blood (Cavity)	HSGC/FID
Glucose	Not Detected	Vitreous	Analyzer
Glucose	Not Detected	Urine	Analyzer
Hydrocodone	23 (ng/mL, ng/g)	Blood (Femoral)	GC/MS
Hydrocodone	551 (ng/mL, ng/g)	Urine	GC/MS
Dihydrocodeine	Detected	Blood (Femoral)	GC/MS
Dihydrocodeine	47 (ng/mL, ng/g)	Urine	GC/MS
Hydromorphone	Not Detected	Blood (Femoral)	GC/MS
Hydromorphone	70 (ng/mL, ng/g)	Urine	GC/MS
Chlorpheniramine	212 (ng/mL, ng/g)	Blood (Cavity)	GC/MS
Chlorpheniramine	Detected	Urine	GC/MS
Chlorpheniramine	82 (ng/mL, ng/g)	Blood (Femoral)	GC/MS

[REDACTED] 2020.12.07 16:20:36 -06'00'

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CONTINUATION

CAMI # 202000158001

NAME [REDACTED]

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Acetaminophen	Detected	Blood (Cavity)	LC/MS
Acetaminophen	Detected	Urine	LC/MS
Salicylic Acid	Detected	Blood (Cavity)	LC/MS
Salicylic Acid	Detected	Urine	LC/MS
Dextrophan	Detected	Blood (Cavity)	LC/MS
Dextrophan	Detected	Urine	LC/MS
Dextromethorphan	Detected	Blood (Cavity)	LC/MS
Dextromethorphan	Detected	Urine	LC/MS
Albuterol	Detected	Blood (Cavity)	LC/MS
Albuterol	Detected	Urine	LC/MS

[REDACTED] 2020.12.07 16:21:00 -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>