

FORENSIC TOXICOLOGY REPORT



FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences
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August 23, 2021

NAME [REDACTED]
LOCATION Point Harbor, NC
DATE OF ACCIDENT 7/19/2021

CAMI # 202100124001
MODE Aviation
DATE RECEIVED 7/29/2021

NTSB # ERA21LA295
N # 4529J
STATUS FATAL

SPECIMENS Blood, Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, Spleen

PUTREFACTION Yes

Screening tests employed

Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
Blood (Cavity) - Cyanide (Color)
Muscle - Volatiles (HS GC/FID)
Brain - Volatiles (HS GC/FID)
Blood (Cavity) - Volatiles (HS GC/FID)
Blood (Cavity) - Drugs of abuse (Immunoassay)
Liver - General drug screen (LC/MS, GC/MS)
Blood (Cavity) - General drug screen (LC/MS, GC/MS)

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Carboxyhemoglobin	19 (%)	Blood (Cavity)	UV/VIS
Cyanide	Not Detected	Blood (Cavity)	COLOR
Ethanol	93 (mg/dL, mg/hg)	Blood (Cavity)	HSGC/FID
Ethanol	97 (mg/dL, mg/hg)	Muscle	HSGC/FID
Ethanol	148 (mg/dL, mg/hg)	Brain	HSGC/FID
Propanol (N-)	Detected	Blood (Cavity)	HSGC/FID
Propanol (N-)	Detected	Muscle	HSGC/FID
Propanol (N-)	Detected	Brain	HSGC/FID
N-Butanol	Detected	Brain	HSGC/FID
Drugs	Not Detected	Liver	

[REDACTED] 2021.08.25 14:54:34 -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>