

FORENSIC TOXICOLOGY REPORT



FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences
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August 20, 2021

LOCATION Missoula, MT

DATE OF ACCIDENT 7/1/2021

CAMI # 202100102002

MODE Aviation

DATE RECEIVED 7/7/2021

NTSB # WPR21FA258

N # 2388L

STATUS FATAL

SPECIMENS Bile, Blood (Cavity), Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, Spleen, Vitreous

PUTREFACTION Yes

Screening tests employed

Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
Vitreous - Volatiles (HS GC/FID)
Blood (Cavity) - Volatiles (HS GC/FID)
Vitreous - Glucose (Chemical Analyzer)
Blood (Cavity) - Drugs of abuse (Immunoassay)
Muscle - 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	Not Detected	Blood (Cavity)	UV/VIS
Ethanol	18 (mg/dL, mg/hg)	Blood (Cavity)	HSGC/FID
Ethanol	Not Detected	Vitreous	HSGC/FID
Propanol (N-)	Detected	Blood (Cavity)	HSGC/FID
Propanol (N-)	Not Detected	Vitreous	HSGC/FID
Glucose	13 (mg/dL)	Vitreous	Analyzer
Atorvastatin	Detected	Blood (Cavity)	LC/MS
Atorvastatin	Detected	Liver	LC/MS
Pioglitazone	Detected	Blood (Cavity)	LC/MS
Pioglitazone	Detected	Liver	LC/MS

2021.08.25 14:49:48 -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.