

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



January 20, 2023

NAME Pilot

CAMI # 202200218001

NTSB # ANC22LA080

LOCATION Skwentna, AK

MODE Aviation

N # 9728B

DATE OF ACCIDENT 9/25/2022

DATE RECEIVED 11/30/2022

STATUS FATAL

SPECIMENS Blood (Femoral), Blood (Heart), Brain, Heart, Kidney, Liver, Lung, Muscle, Spleen, Vitreous

PUTREFACTION No

Screening tests employed

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

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Carboxyhemoglobin	Not Detected	Blood (Heart)	UV/VIS
Ethanol	Not Detected	Blood (Femoral)	HSGC/FID
Glucose	Not Detected	Vitreous	Analyzer
Diazepam	12 (ng/mL, ng/g)	Blood (Femoral)	LC/MS
Diazepam	26 (ng/mL, ng/g)	Liver	LC/MS
Nordiazepam	9 (ng/mL, ng/g)	Blood (Femoral)	LC/MS
Nordiazepam	70 (ng/mL, ng/g)	Liver	LC/MS
Venlafaxine	18 (ng/mL, ng/g)	Blood (Femoral)	LC/MS
Venlafaxine	22 (ng/mL, ng/g)	Liver	LC/MS
Desmethylvenlafaxine (O-)	112 (ng/mL, ng/g)	Blood (Femoral)	LC/MS
Desmethylvenlafaxine (O-)	203 (ng/mL, ng/g)	Liver	LC/MS
Metoprolol	Detected	Blood (Femoral)	LC/MS
Metoprolol	Detected	Liver	LC/MS
Timolol	Inconclusive	Blood (Femoral)	LC/MS
Timolol	Detected	Liver	LC/MS

2023.01.27 09:40:54
-06'00'

Russell Lewis, Ph.D., F-ABFT
Manager, Bioaeronautical Sciences Research Branch
Civil Aerospace Medical Institute, 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>