

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



September 9, 2022

NAME [REDACTED] CAMI # 202200134001 NTSB # ERA22FA351
LOCATION South Haven Charter Township, MI MODE Aviation N # 9784Q
DATE OF ACCIDENT 8/2/2022 DATE RECEIVED 8/9/2022 STATUS FATAL

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

PUTREFACTION Yes

Screening tests employed

Liver - Volatiles (HS GC/FID)
Brain - Volatiles (HS GC/FID)
Liver - Drugs of abuse (Immunoassay)
Liver - General drug screen (LC/MS, GC/MS)

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Ethanol	50 (mg/dL, mg/hg)	Liver	HSGC/FID
Ethanol	Not Detected	Brain	HSGC/FID
Propanol (N-)	Detected	Liver	HSGC/FID
Propanol (N-)	Not Detected	Brain	HSGC/FID
Atorvastatin	Detected	Liver	LC/MS
Atorvastatin	Detected	Muscle	LC/MS


[REDACTED] 2022.09.13 08:16:22 -05'00'

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>

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August 31, 2022

NAME [REDACTED] **CAMI #** 202200134002 **NTSB #** ERA22FA351
LOCATION South Haven, MI **MODE** Aviation **N #** 9784Q
DATE OF ACCIDENT 8/2/2022 **DATE RECEIVED** 8/9/2022 **STATUS** FATAL

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

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
Metoprolol	Detected	Blood (Cavity)	LC/MS
Metoprolol	Detected	Urine	LC/MS
Valsartan	Detected	Blood (Cavity)	LC/MS
Valsartan	Detected	Urine	LC/MS

2022.09.13 08:01:59
-05'00'

[REDACTED]
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