

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



August 16, 2023

NAME [REDACTED]
LOCATION North Myrtle Beach, SC
DATE OF ACCIDENT 7/2/2023

CAMI # 202300105001
MODE Aviation
DATE RECEIVED 7/11/2023

NTSB # ERA23FA280
N # 5524F
STATUS FATAL

SPECIMENS Bile, Blood (Cavity), Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, Spleen, Urine, Vitreous
PUTREFACTION No

Screening tests employed

Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
Vitreous - Volatiles (HS GC/FID)
Urine - Volatiles (HS GC/FID)
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	20 (mg/dL, mg/hg)	Blood (Cavity)	HSGC/FID
Ethanol	Not Detected	Vitreous	HSGC/FID
Ethanol	Not Detected	Urine	HSGC/FID
Glucose	Not Detected	Vitreous	Analyzer
Glucose	Not Detected	Urine	Analyzer
Minoxidil	Not Detected	Blood (Cavity)	LC/MS
Minoxidil	Detected	Urine	LC/MS
Lidocaine	Detected	Blood (Cavity)	LC/MS
Lidocaine	Detected	Urine	LC/MS
Naproxen	Detected	Blood (Cavity)	LC/MS
Naproxen	Detected	Urine	LC/MS

2023.08.18 15:57:21
05'00'



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CONTINUATION

CAMI # 202300105001

NAME [REDACTED]

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Sildenafil	Detected	Blood (Cavity)	LC/MS
Sildenafil	Detected	Urine	LC/MS
Desmethylsildenafil	Detected	Blood (Cavity)	LC/MS
Desmethylsildenafil	Detected	Urine	LC/MS
Famotidine	Not Detected	Blood (Cavity)	LC/MS
Famotidine	Detected	Urine	LC/MS

[REDACTED] 2023.08.18 15:56:55
-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>