



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



July 5, 2022

NAME [REDACTED]
LOCATION Greenville, OH
DATE OF ACCIDENT 6/7/2022

CAMI # 202200084001
MODE Aviation
DATE RECEIVED 6/10/2022

NTSB # ERA22FA262
N # 600TA
STATUS FATAL

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

Screening tests employed

Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
Blood (Heart) - Volatiles (HS GC/FID)
Blood (Heart) - Drugs of abuse (Immunoassay)
Blood (Heart) - 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 (Heart)	HSGC/FID
Diphenhydramine	219 (ng/mL, ng/g)	Blood (Heart)	GC/MS
Diphenhydramine	Detected	Liver	GC/MS

2022.07.06 15:26:07
-05'00'

[REDACTED]
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>



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 17, 2022

NAME [REDACTED]

CAMI # 202200084002

NTSB # ERA22FA262

LOCATION Greenville, OH

MODE Aviation

N # 600TA

DATE OF ACCIDENT 6/7/2022

DATE RECEIVED 6/14/2022

STATUS FATAL

SPECIMENS Bile, Blood (Hospital), Blood (Heart), Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle,
Plasma (Hospital), Spinal Fluid, Spleen, Urine, Vitreous

PUTREFACTION No

Screening tests employed

Blood (Heart) - Hemoglobin A1c (Analyzer)
Blood (Heart) - Carboxyhemoglobin (UV/VIS)
Blood (Hospital) - Carboxyhemoglobin (UV/VIS)
Blood (Heart) - Volatiles (HS GC/FID)
Blood (Hospital) - Volatiles (HS GC/FID)
Vitreous - Glucose (Chemical Analyzer)
Urine - Glucose (Chemical Analyzer)
Urine - Drugs of abuse (Immunoassay)
Blood (Hospital) - Drugs of abuse (Immunoassay)
Urine - General drug screen (LC/MS, GC/MS)
Blood (Hospital) - 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
Carboxyhemoglobin	Not Detected	Blood (Hospital)	UV/VIS
Ethanol	Not Detected	Blood (Heart)	HSGC/FID
Ethanol	Not Detected	Blood (Hospital)	HSGC/FID
Glucose	Not Detected	Vitreous	Analyzer
Glucose	306 (mg/dL)	Urine	Analyzer
Hemoglobin A1C	4.9 (%)	Blood (Heart)	Analyzer
Ketamine	41 (ng/mL, ng/g)	Blood (Heart)	GC/MS
Ketamine	1312 (ng/mL, ng/g)	Urine	GC/MS

[REDACTED]

2022.08.18 12:37:09
-05'00'



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 17, 2022

CONTINUATION

CAMI # 202200084002

NAME [REDACTED]

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Norketamine	100 (ng/mL, ng/g)	Blood (Heart)	GC/MS
Norketamine	1302 (ng/mL, ng/g)	Urine	GC/MS
Fentanyl	10.1 (ng/mL, ng/g)	Blood (Heart)	LC/MS
Fentanyl	78.1 (ng/mL, ng/g)	Urine	LC/MS
Norfentanyl	3.7 (ng/mL, ng/g)	Blood (Heart)	LC/MS
Norfentanyl	22.7 (ng/mL, ng/g)	Urine	LC/MS
Midazolam	Not Detected	Blood (Heart)	LC/MS
Midazolam	48 (ng/mL, ng/g)	Urine	LC/MS
Albuterol	Detected	Blood (Heart)	LC/MS
Albuterol	Detected	Urine	LC/MS
Trimethoprim	Detected	Blood (Heart)	LC/MS
Trimethoprim	Detected	Urine	LC/MS
Lidocaine	Detected	Blood (Heart)	LC/MS
Lidocaine	Detected	Urine	LC/MS

Note: Initial drug screen was performed on blood and urine collected during autopsy (received on 6/14/22). Subsequently, hospital specimens were received on 7/1/22 and hospital blood was screened with no additional drugs identified.

[REDACTED] 2022.08.18 12:35:32 -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>