

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



Pilot-in-Command

January 27, 2023

NAME [REDACTED]

CAMI # 202200228002

NTSB # CEN23FA057

LOCATION Cleburne, TX

MODE Aviation

N # 8149Z

DATE OF ACCIDENT 12/4/2022

DATE RECEIVED 12/9/2022

STATUS FATAL

SPECIMENS Blood, Blood (Cavity), Heart, Kidney, Liver, Lung, Muscle, Spleen

PUTREFACTION No

Screening tests employed

Blood (Cavity) - Carboxyhemoglobin (UV/VIS)

Muscle - Volatiles (HS GC/FID)

Liver - 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>
Carboxyhemoglobin	Not Detected	Blood (Cavity)	UV/VIS
Ethanol	Not Detected	Liver	HSGC/FID
Ethanol	Not Detected	Muscle	HSGC/FID
Hydroxyzine	Not Detected	Blood (Cavity)	LC/MS
Hydroxyzine	6 (ng/mL, ng/g)	Liver	LC/MS
Quetiapine	Not Detected	Blood (Cavity)	LC/MS
Quetiapine	17 (ng/mL, ng/g)	Liver	LC/MS
Diphenhydramine	57 (ng/mL, ng/g)	Blood (Cavity)	GC/MS
Diphenhydramine	Detected	Liver	GC/MS
Dextrophan	Detected	Blood (Cavity)	LC/MS
Dextrophan	Detected	Liver	LC/MS
Dextromethorphan	Detected	Blood (Cavity)	LC/MS
Dextromethorphan	Detected	Liver	LC/MS

2023.01.27 12:54:19 -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>

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January 10, 2023

Pilot rated passenger

NAME [REDACTED]

CAMI # 202200228001

NTSB # CEN23FA057

LOCATION Cleburne, TX

MODE Aviation

N # 8149Z

DATE OF ACCIDENT 12/4/2022

DATE RECEIVED 12/9/2022

STATUS FATAL

SPECIMENS Brain, Heart, Kidney, Liver, Lung, Muscle

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	Not Detected	Liver	HSGC/FID
Ethanol	Not Detected	Brain	HSGC/FID
Drugs	Not Detected	Liver	


[REDACTED]

2023.01.10 16:36:55 -06'00'

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

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