

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 30, 2023

NAME [REDACTED]

CAMI # 202300125001

NTSB # WPR23FA287

LOCATION Upland, CA

MODE Aviation

N # 8572M

DATE OF ACCIDENT 7/30/2023

DATE RECEIVED 8/5/2023

STATUS FATAL

SPECIMENS Bile, Brain, 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	Not Detected	Liver	HSGC/FID
Ethanol	12 (mg/dL, mg/hg)	Brain	HSGC/FID
Losartan	Detected	Liver	LC/MS
Losartan	Detected	Muscle	LC/MS

[REDACTED]

2023.08.31 15:57:46 -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>

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 22, 2023

NAME	[REDACTED]	CAMI #	202300125002	NTSB #	WPR23FA287
LOCATION	Upland, CA	MODE	Aviation	N #	8572M
DATE OF ACCIDENT	7/30/2023	DATE RECEIVED	8/5/2023	STATUS	FATAL

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

PUTREFACTION Yes

Screening tests employed

Blood (Cavity) - Carboxyhemoglobin (UV/VIS)

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Carboxyhemoglobin	Not Detected	Blood (Cavity)	UV/VIS

Note: Samples from passengers are analyzed for Carboxyhemoglobin only in cases of fire, and Cyanide when Carboxyhemoglobin is equal to or greater than 10%, or upon special request, provided suitable blood samples were submitted.

[REDACTED]

2023.08.22 13:07:25 -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>

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 6, 2023

NAME [REDACTED]

CAMI # 202300125003

NTSB # WPR23FA287

LOCATION Upland, CA

MODE Aviation

N # 8572M

DATE OF ACCIDENT 7/30/2023

DATE RECEIVED 8/7/2023

STATUS FATAL

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

PUTREFACTION Yes

Screening tests employed

Vitreous - Volatiles (HS GC/FID)

Vitreous - Glucose (Chemical Analyzer)

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	Vitreous	HSGC/FID
Glucose	43 (mg/dL)	Vitreous	Analyzer
Diphenhydramine	Detected	Liver	GC/MS
Diphenhydramine	Detected	Muscle	GC/MS
Loratadine	Detected	Liver	LC/MS
Loratadine	Detected	Muscle	LC/MS
Desloratadine	Detected	Liver	LC/MS
Desloratadine	Detected	Muscle	LC/MS

[REDACTED] 2023.09.11 14:21:01 -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>