

FORENSIC TOXICOLOGY REPORT



FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences
[REDACTED] Oklahoma City, Oklahoma 73125
[REDACTED]



January 27, 2022

NAME [REDACTED]

CAMI # [REDACTED]

NTSB # CEN22FA082

LOCATION Hardy, AR

MODE Aviation

N # 5798T

DATE OF ACCIDENT 12/26/2021

DATE RECEIVED 1/5/2022

STATUS FATAL

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

PUTREFACTION Yes

Screening tests employed

- Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
- Blood (Cavity) - Volatiles (HS GC/FID)
- Blood - Drugs of abuse (Immunoassay)
- Blood (Cavity) - 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
Loratadine	Inconclusive	Blood (Cavity)	LC/MS
Loratadine	Detected	Liver	LC/MS
Desloratadine	Detected	Blood (Cavity)	LC/MS
Desloratadine	Detected	Liver	LC/MS

[REDACTED] 2022.01.28 16:40:21 -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 13, 2022

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N # 5798T

DATE OF ACCIDENT 12/26/2021

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STATUS FATAL

SPECIMENS Bile, Blood (Cavity), Gastric, Heart, Kidney, Liver, Lung, Muscle

PUTREFACTION No

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] 2022.01.13 13:39:31 -06'00'

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

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