



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



March 3, 2021

NAME [REDACTED]
LOCATION Gloucester County, NJ
DATE OF ACCIDENT 1/11/2021

CAMI # 202100008001
MODE Aviation
DATE RECEIVED 1/13/2021

NTSB # ERA21LA102
N #
STATUS FATAL

SPECIMENS Blood, Brain, Heart, Kidney, Liver, Lung, Muscle, Spleen, Vitreous
PUTREFACTION Yes

Screening tests employed

Blood - Carboxyhemoglobin (UV/VIS)
Blood - Volatiles (HS GC/FID)
Vitreous - Glucose (Chemical Analyzer)
Blood - Drugs of abuse (Immunoassay)
Blood - General drug screen (LC/MS, GC/MS)

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Carboxyhemoglobin	Not Detected	Blood	UV/VIS
Ethanol	Not Detected	Blood	HSGC/FID
Glucose	Not Detected	Vitreous	Analyzer
Delta-9-THC	3.1 (ng/mL, ng/g)	Blood	LC/MS
Delta-9-THC	14.2 (ng/mL, ng/g)	Lung	LC/MS
Carboxy-Delta-9-THC	31.1 (ng/mL, ng/g)	Blood	LC/MS
Carboxy-Delta-9-THC	48.6 (ng/mL, ng/g)	Lung	LC/MS
11-Hydroxy-Delta-9-THC	0.9 (ng/mL, ng/g)	Blood	LC/MS
11-Hydroxy-Delta-9-THC	3.4 (ng/mL, ng/g)	Lung	LC/MS
Amphetamine	73 (ng/mL, ng/g)	Blood	GC/MS
Amphetamine	98 (ng/mL, ng/g)	Muscle	GC/MS
Methamphetamine	708 (ng/mL, ng/g)	Blood	GC/MS
Methamphetamine	974 (ng/mL, ng/g)	Muscle	GC/MS

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CONTINUATION

CAMI # 202100008001

NAME Asselta, Gerard

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Hydrocodone	27 (ng/mL, ng/g)	Blood	GC/MS
Hydrocodone	135 (ng/mL, ng/g)	Liver	GC/MS
Dihydrocodeine	Detected	Blood	GC/MS
Dihydrocodeine	22 (ng/mL, ng/g)	Liver	GC/MS
Zolpidem	9 (ng/mL, ng/g)	Blood	LC/MS
Zolpidem	8 (ng/mL, ng/g)	Muscle	LC/MS

2021.03.05 14:28:39
-06'00'

Russell Lewis, Ph.D., F-ABFT
Supervisor, Forensic Sciences
Bioaeronautical Sci. Research Lab
CAMI, 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>