

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 10, 2021

NAME [REDACTED]

CAMI # 202000201001

NTSB # CEN21LA070

LOCATION Franklin, AR

MODE Aviation

N # 9879T

DATE OF ACCIDENT 11/30/2020

DATE RECEIVED 12/4/2020

STATUS FATAL

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

PUTREFACTION No

Screening tests employed

Spleen Fluid - Carboxyhemoglobin (UV/VIS)
Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
Muscle - Volatiles (HS GC/FID)
Liver - Volatiles (HS GC/FID)
Urine - Glucose (Chemical Analyzer)
Urine - Drugs of abuse (Immunoassay)
Urine - General drug screen (LC/MS, GC/MS)

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Carboxyhemoglobin	29 (%)*	Blood (Cavity)	UV/VIS
Carboxyhemoglobin	20 (%)*	Blood (Cavity)	UV/VIS
Carboxyhemoglobin	Unsuitable	Spleen Fluid	UV/VIS
Ethanol	Not Detected	Liver	HSGC/FID
Ethanol	32 (mg/dL, mg/hg)	Muscle	HSGC/FID
N-Butanol	Not Detected	Liver	HSGC/FID
N-Butanol	Detected	Muscle	HSGC/FID
Glucose	16 (mg/dL)	Urine	Analyzer
Acetaminophen	Detected	Blood (Cavity)	LC/MS
Acetaminophen	Detected	Urine	LC/MS
Salicylic Acid	Not Detected	Blood (Cavity)	LC/MS
Salicylic Acid	Detected	Urine	LC/MS

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CONTINUATION

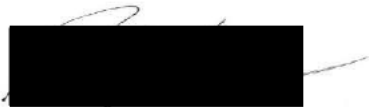
CAMI # 202000201001

NAME Rottman, David E.

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Amphetamine	Not Detected	Blood (Cavity)	GC/MS
Amphetamine	31 (ng/mL, ng/g)	Urine	GC/MS
Amphetamine	Not Detected	Liver	GC/MS
Amphetamine	Not Detected	Muscle	GC/MS
Methamphetamine	Not Detected	Blood (Cavity)	GC/MS
Methamphetamine	307 (ng/mL, ng/g)	Urine	GC/MS
Methamphetamine	Not Detected	Liver	GC/MS
Methamphetamine	Not Detected	Muscle	GC/MS

***Note:** Both COHb results were from the analysis of the same tube of blood. However, the 20% result was determined using the remaining blood clot in the tube.

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-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>