

FORENSIC TOXICOLOGY REPORT



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



September 9, 2020

NAME [REDACTED] CAMI # 202000102001 NTSB # CEN20LA272
LOCATION Grosse Ile, MI MODE Aviation N # 50JH
DATE OF ACCIDENT 7/11/2020 DATE RECEIVED 7/14/2020 STATUS FATAL

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

PUTREFACTION No

Screening tests employed

Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
Blood (Cavity) - 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	Not Detected	Blood (Cavity)	UV/VIS
Ethanol	Not Detected	Blood (Cavity)	HSGC/FID
Glucose	99 (mg/dL)	Urine	Analyzer
Amphetamine	315 (ng/mL, ng/g)	Blood (Cavity)	GC/MS
Amphetamine	22128 (ng/mL, ng/g)	Urine	GC/MS
Diazepam	268 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Diazepam	38 (ng/mL, ng/g)	Urine	LC/MS
Nordiazepam	330 (ng/mL, ng/g)	Blood (Cavity)	LC/MS
Nordiazepam	2665 (ng/mL, ng/g)	Urine	LC/MS
Temazepam	Negative	Blood (Cavity)	LC/MS
Temazepam	5635 (ng/mL, ng/g)	Urine	LC/MS
Oxazepam	Detected	Blood (Cavity)	LC/MS
Oxazepam	8397 (ng/mL, ng/g)	Urine	LC/MS
Diphenhydramine	Not Detected	Blood (Cavity)	GC/MS
Diphenhydramine	Detected	Urine	GC/MS

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CONTINUATION

CAMI # 202000102001

NAME Oliver, Jeffrey D.

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Citalopram	33 (ng/mL, ng/g)	Blood (Cavity)	GC/MS
Citalopram	Detected	Urine	GC/MS
N-Desmethylocitalopram	Detected	Blood (Cavity)	GC/MS
N-Desmethylocitalopram	Detected	Urine	GC/MS

c=US, o=U.S. Government, ou=AMC, ou=AMC,
cn=RUSSELL J LEWIS
2020.09.16 15:11:00 -05'00'

[REDACTED]
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.