

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



November 16, 2020

NAME [REDACTED] **CAMI #** 202000127001 **NTSB #** WPR20LA280
LOCATION Coalinga, CA **MODE** Aviation **N #** 711GH
DATE OF ACCIDENT 8/19/2020 **DATE RECEIVED** 8/25/2020 **STATUS** FATAL

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

PUTREFACTION Yes

Screening tests employed

Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
Blood - Carboxyhemoglobin (UV/VIS)
Muscle - Volatiles (HS GC/FID)
Brain - Volatiles (HS GC/FID)
Blood (Cavity) - Volatiles (HS GC/FID)
Blood (Cavity) - Drugs of abuse (Immunoassay)
Liver - General drug screen (LC/MS, GC/MS)
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	UV/VIS
Ethanol	82 (mg/dL, mg/hg)	Blood (Cavity)	HSGC/FID
Ethanol	82 (mg/dL, mg/hg)	Muscle	HSGC/FID
Ethanol	Not Detected	Brain	HSGC/FID
Propanol (N-)	Detected	Blood (Cavity)	HSGC/FID
Propanol (N-)	Detected	Muscle	HSGC/FID
Methanol	Detected	Blood (Cavity)	HSGC/FID
Citalopram	5857 (ng/mL, ng/g)	Blood (Cavity)	GC/MS
Citalopram	Detected	Liver	GC/MS
N-Desmethylocitalopram	602 (ng/mL, ng/g)	Blood (Cavity)	GC/MS
N-Desmethylocitalopram	Detected	Liver	GC/MS

c=US, o=U.S. Government, ou=AMC,
ou=AMC, cn=RUSSELL J LEWIS
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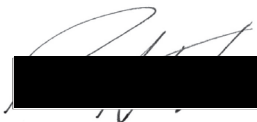
November 16, 2020

CONTINUATION

CAMI # 202000127001

NAME [REDACTED]

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Buspirone	1.1 (ng/mL, ng/g)	Blood	LC/MS
Buspirone	24.8 (ng/mL, ng/g)	Liver	LC/MS


[REDACTED]

c=US, o=U.S. Government, ou=AMC,
ou=AMC, cn=RUSSELL J LEWIS
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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>