

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



April 1, 2021

NAME [REDACTED]
LOCATION Tehachapi, CA
DATE OF ACCIDENT 2/13/2021

CAMI # 202100019001
MODE Aviation
DATE RECEIVED 2/23/2021

NTSB # WPR21LA111
N # 40TS
STATUS FATAL

SPECIMENS Lung, Muscle

PUTREFACTION No

Screening tests employed

Muscle - Volatiles (HS GC/FID)
Lung - Volatiles (HS GC/FID)
Muscle - Drugs of abuse (Immunoassay)
Muscle - General drug screen (LC/MS, GC/MS)

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Ethanol	Not Detected	Muscle	HSGC/FID
Ethanol	Not Detected	Lung	HSGC/FID
Diazepam	372 (ng/mL, ng/g)	Muscle	LC/MS
Diazepam	8960 (ng/mL, ng/g)	Lung	LC/MS
Nordiazepam	517 (ng/mL, ng/g)	Muscle	LC/MS
Nordiazepam	2616 (ng/mL, ng/g)	Lung	LC/MS
Oxazepam	33 (ng/mL, ng/g)	Muscle	LC/MS
Oxazepam	42 (ng/mL, ng/g)	Lung	LC/MS
Temazepam	41 (ng/mL, ng/g)	Muscle	LC/MS
Temazepam	279 (ng/mL, ng/g)	Lung	LC/MS
Butorphanol	59 (ng/mL, ng/g)	Muscle	LC/MS
Butorphanol	329 (ng/mL, ng/g)	Lung	LC/MS
Meprobamate	5450 (ng/mL, ng/g)	Muscle	GC/MS
Meprobamate	3276 (ng/mL, ng/g)	Lung	GC/MS

[REDACTED] 2021.04.02 13:26:43 -05'00'

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CONTINUATION

CAMI # 202100019001

NAME [REDACTED]

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Carisoprodol	661 (ng/mL, ng/g)	Muscle	GC/MS
Carisoprodol	819 (ng/mL, ng/g)	Lung	GC/MS
Citalopram	Detected	Muscle	GC/MS
Citalopram	Detected	Lung	GC/MS
N-Desmethyleitalopram	Detected	Muscle	GC/MS
N-Desmethyleitalopram	Detected	Lung	GC/MS

[REDACTED] 2021.04.02 13:26:16 -05'00'

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>