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



June 1, 2021

NAME LOCATION Brownsville, TN
DATE OF ACCIDENT 4/20/2021

CAMI # 202100050001 MODE Aviation DATE RECEIVED 4/28/2021 NTSB# ERA21FA189 N# 4303G STATUS FATAL

SPECIMENS Kidney, Lung, Muscle

PUTREFACTION No

Screening tests employed

Muscle - Volatiles (HS GC/FID) Kidney - Volatiles (HS GC/FID)

Muscle - Drugs of abuse (Immunoassay)

Muscle - General drug screen (LC/MS, GC/MS)

<u>Analyte</u>	Result	<u>Specimen</u>	<u>Instrument</u>
Ethanol	39 (mg/dL, mg/hg)	Muscle	HSGC/FID
Ethanol	41 (mg/dL, mg/hg)	Kidney	HSGC/FID
Methanol	Not Detected	Muscle	HSGC/FID
Methanol	Detected	Kidney	HSGC/FID
Alprazolam	17 (ng/mL, ng/g)	Muscle	LC/MS
Alprazolam	42 (ng/mL, ng/g)	Kidney	LC/MS
Bupropion	71 (ng/mL, ng/g)	Muscle	LC/MS
Bupropion	17 (ng/mL, ng/g)	Kidney	LC/MS
Buspirone	Detected	Muscle	LC/MS
Buspirone	Detected	Kidney	LC/MS
Dihydrocodeine	Negative	Muscle	GC/MS
Dihydrocodeine	5 (ng/mL, ng/g)	Kidney	GC/MS
Metoprolol	Detected	Muscle	LC/MS
Metoprolol	Detected	Kidney	LC/MS



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CONTINUATION

CAMI # 202100050001 NAME				
<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>	
Atorvastatin	Detected	Muscle	LC/MS	
Atorvastatin	Detected	Kidney	LC/MS	
Amlodipine	Detected	Muscle	LC/MS	
Amlodipine	Detected	Kidney	LC/MS	



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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