

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 **Pilot**
LOCATION Sweetwater, TN
DATE OF ACCIDENT 9/10/2020

CAMI # 202000146001
MODE Aviation
DATE RECEIVED 9/15/2020

NTSB # ERA20LA312
N # 56906
STATUS FATAL

SPECIMENS Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, Spleen, Vitreous

PUTREFACTION Yes

Screening tests employed

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

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Ethanol	Not Detected	Muscle	HS GC/FID
Ethanol	Detected	Brain	HS GC/FID
Glucose	Quantity not sufficient	Vitreous	
Carboxy-Delta-9-THC	27.1 (ng/mL, ng/g)	Liver	LC/MS
Carboxy-Delta-9-THC	10.3 (ng/mL, ng/g)	Lung	LC/MS
Duloxetine	Detected	Liver	LC/MS
Duloxetine	Detected	Muscle	LC/MS
Promethazine	Detected	Liver	LC/MS
Promethazine	Detected	Muscle	LC/MS
Citalopram	Detected	Liver	GC/MS
Citalopram	Detected	Muscle	GC/MS
N-Desmethycitalopram	Detected	Liver	GC/MS
N-Desmethycitalopram	Detected	Muscle	GC/MS

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

CAMI # 202000146001

NAME

Pilot

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Trazodone	170 (ng/mL, ng/g)	Liver	GC/MS
Trazodone	Not Detected	Muscle	GC/MS
Gabapentin	Detected	Liver	LC/MS
Gabapentin	Detected	Muscle	LC/MS
Norchlorcyclizine	Detected	Liver	LC/MS
Norchlorcyclizine	Detected	Muscle	LC/MS

c=US, o=U.S. Government, ou=AMC, ou=AMC,
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2020.11.18 15:04:40 -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>