

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 22, 2020

NAME **Pilot**

CAMI # 202000065001

NTSB # ERA20LA183

LOCATION Rogersville, TN

MODE Aviation

N # 3956H

DATE OF ACCIDENT 5/15/2020

DATE RECEIVED 5/20/2020

STATUS FATAL

SPECIMENS Bile, Blood (Femoral), Blood (Subclav.), Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, Spinal Fluid, Spleen, Urine, Vitreous

PUTREFACTION No

Screening tests employed

Blood (Subclav.) - Carboxyhemoglobin (UV/VIS)
Blood (Subclav.) - Volatiles (HS GC/FID)
Vitreous - Glucose (Chemical Analyzer)
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 (Subclav.)	UV/VIS
Ethanol	Not Detected	Blood (Subclav.)	HSGC/FID
Glucose	107 (mg/dL)	Vitreous	Analyzer
Glucose	20 (mg/dL)	Urine	Analyzer
Diphenhydramine	64 (ng/mL, ng/g)	Blood (Femoral)	GC/MS
Diphenhydramine	Detected	Urine	GC/MS
Cetirizine	24 (ng/mL, ng/g)	Blood (Femoral)	LC/MS
Cetirizine	310 (ng/mL, ng/g)	Urine	LC/MS
Tamsulosin	Detected	Blood (Subclav.)	LC/MS
Tamsulosin	Detected	Urine	LC/MS
Naproxen	Detected	Blood (Subclav.)	LC/MS
Naproxen	Detected	Urine	LC/MS



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CONTINUATION

CAMI # 202000065001

NAME

Pilot

Analyte

Diltiazem

Diltiazem

Result

Detected

Detected

Specimen

Blood (Subclav.)

Urine

Instrument

LC/MS

LC/MS

c=US, o=U.S. Government, ou=AMC, ou=AMC,
cn=RUSSELL J LEWIS
2020.06.22 16:01:12 -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>