

# FORENSIC TOXICOLOGY REPORT



FAA Civil Aerospace Medical Institute  
Bioaeronautical Sciences Research Branch, Forensic Sciences  
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July 17, 2020

**NAME** Pilot

**CAMI #** 202000089001

**NTSB #** ERA20LA220

**LOCATION** Pikeville, NC

**MODE** Aviation

**N #** 4QW

**DATE OF ACCIDENT** 6/18/2020

**DATE RECEIVED** 6/24/2020

**STATUS** FATAL

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

**PUTREFACTION** No

## Screening tests employed

Blood (Cavity) - Carboxyhemoglobin (UV/VIS)  
Blood (Iliac) - 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 (Cavity)  | UV/VIS            |
| Ethanol           | Not Detected  | Blood (Iliac)   | HSGC/FID          |
| Glucose           | 6 (mg/dL)     | Vitreous        | Analyzer          |
| Glucose           | 7 (mg/dL)     | Urine           | Analyzer          |
| Trimethoprim      | Detected      | Blood (Iliac)   | LC/MS             |
| Trimethoprim      | Detected      | Urine           | LC/MS             |
| Tamsulosin        | Detected      | Blood (Iliac)   | LC/MS             |
| Tamsulosin        | Detected      | Urine           | LC/MS             |

c=US, o=U.S. Government, ou=AMC, ou=AMC, cn=RUSSELL  
J LEWIS  
2020.07.17 12:49:19 -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>