



# FORENSIC TOXICOLOGY REPORT

FAA Civil Aerospace Medical Institute  
Bioaeronautical Sciences Research Branch, Forensic Sciences  
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December 10, 2024

NAME **PILOT**

CAMI # 202400200001

NTSB # ERA25FA037

LOCATION Wilder, TN

MODE Aviation

N# 8110S

DATE OF ACCIDENT 10/31/2024

DATE RECEIVED 11/5/2024

STATUS FATAL

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

PUTREFACTION No

## Screening tests employed

Urine - 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> |
|----------------|--------------------|-----------------|-------------------|
| Ethanol        | Not Detected       | Urine           | HSGC/FID          |
| Glucose        | 50 (mg/dL)         | Vitreous        | Analyzer          |
| Glucose        | 13 (mg/dL)         | Urine           | Analyzer          |
| Lamotrigine    | 6085 (ng/mL, ng/g) | Urine           | LC/MS             |
| Lamotrigine    | 9525 (ng/mL, ng/g) | Liver           | LC/MS             |

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Russell Lewis, Ph.D., F-ABFT  
Manager, Bioaeronautical Sciences Research Branch  
Civil Aerospace Medical Institute, 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>