



# FORENSIC TOXICOLOGY REPORT

FAA Civil Aerospace Medical Institute  
Bioaeronautical Sciences Research Branch, Forensic Sciences

[REDACTED] Oklahoma City, Oklahoma [REDACTED]

Ph: [REDACTED] Fax: [REDACTED]



Left Seat Pilot

September 24, 2020

**NAME** [REDACTED]  
**LOCATION** Pembroke Park, FL  
**DATE OF ACCIDENT** 8/28/2020

**CAMI #** 202000131002  
**MODE** Aviation  
**DATE RECEIVED** 9/1/2020

**NTSB #** ERA20LA297  
**N #** 900DT  
**STATUS** FATAL

**SPECIMENS** Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, Spleen, Urine

**PUTREFACTION** Yes

## Screening tests employed

Urine - Volatiles (HS GC/FID)  
Muscle - Volatiles (HS GC/FID)  
Brain - Volatiles (HS GC/FID)  
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        | 13 (mg/dL, mg/hg) | Urine           | HSGC/FID          |
| Ethanol        | 11 (mg/dL, mg/hg) | Muscle          | HSGC/FID          |
| Ethanol        | 12 (mg/dL, mg/hg) | Brain           | HSGC/FID          |
| Propanol (N-)  | Detected          | Urine           | HSGC/FID          |
| Glucose        | Not Detected      | Urine           | Analyzer          |
| Famotidine     | Detected          | Urine           | LC/MS             |
| Famotidine     | Detected          | Liver           | LC/MS             |

c=US, o=U.S. Government, ou=AMC,  
ou=AMC, cn=RUSSELL J LEWIS  
2020.10.02 08:17:58 -05'00'

[REDACTED]  
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>



Broward County Office of the Medical Examiner and Trauma Services

Fort Lauderdale, Florida

**Final Toxicology Report**

**BME2020-4668**

Left Seat Pilot

56 years old Hispanic Male

Date Of Birth:

Case No: **BME2020-4668**

Submitting Agency: Broward County Medical Examiner's Office


Specimen Collection Date: 8/30/2020 08:50

Specimen Received Date: 8/31/2020 09:40

**Specimen:**

Brain  
Gastric  
Liver  
Spleen  
Urine

| <b><u>Specimen</u></b> | <b><u>Procedure</u></b> | <b><u>Drug Class</u></b>      | <b><u>Result</u></b> | <b><u>Concentration</u></b> |
|------------------------|-------------------------|-------------------------------|----------------------|-----------------------------|
| Brain                  | HSGC/FID                | Ethanol                       | None detected        |                             |
| Liver                  | EIA Drug Screen         | Amphetamines/Methamphetamines | Unconfirmed positive |                             |
| Liver                  | GC/MS                   | Acid/Neutral Drug Screen      | Drugs not detected   |                             |
| Liver                  | GC/MS                   | Amphetamines/Methamphetamines | None detected        |                             |
| Liver                  | GC/MS                   | Basic Drug Screen             | Drugs not detected   |                             |
| Liver                  | HSGC/FID                | Ethanol                       | Positive             | 0.03 g/100g                 |
| Spleen                 | CO-Oximeter             | Carboxyhemoglobin Saturation  | Positive             | <1 %                        |

  
Gary W. Kunsman, Ph.D., F-ABFT  
Toxicologist  
Date reviewed: 9/4/2020

\*\*\* Specimens are retained and disposed of in accordance with Florida Administrative Code Rule 11G-2.004. \*\*\*