# FORENSIC TOXICOLOGY REPORT



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



Left Seat Pilot

NAME

LOCATION Pembroke Park, FL DATE OF ACCIDENT 8/28/2020 CAMI # 202000131002

MODE Aviation

DATE RECEIVED 9/1/2020

NTSB# ERA20LA297

September 24, 2020

N# 900DT

STATUS FATAL

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

**PUTREFACTION** Yes

### Screening tests employed

Urine - Volatiles (HS GC/FID)

Muscle - Volatiles (HS GC/FID)

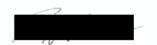
Brain - Volatiles (HS GC/FID)

Urine - Glucose (Chemical Analyzer)

Urine - Drugs of abuse (Immunoassay)

Urine - General drug screen (LC/MS, GC/MS)

Analyte	Result	Specimen	Instrument
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



Russell Lewis, Ph.D., F-ABFT Supervisor, Forensic Sciences Bioaeronautical Sci. Research Lab CAMI, FAA

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

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

## Left Seat Pilot

# Final Toxicology Report

BME2020-4668

56 years old Hispanic Male

Date Of Birth:

Case No:

BME2020-4668

Specimen Collection Date:

8/30/2020 08:50

Submitting Agency: Broward County Medical Examiner's Office

Specimen Received Date:

8/31/2020 09:40

### Specimen:

Brain

Gastric

Liver

Spleen

Urine

Specimen	Procedure	Drug Class	Result	Concentration
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

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