FORENSIC TOXICOLOGY REPORT

FAA Civil Aerospace Medical Institute
Bioaeronautical Sciences Research Branch, Forensic Sciences
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December 14, 2022

NAME PILOT
LOCATION Hermantown, MN
DATE OF ACCIDENT 10/1/2022

CAMI # 202200186001
MODE Aviation
DATE RECEIVED 10/4/2022

NTSB # ERA23FA001
N # 262TA
STATUS FATAL

SPECIMENS Bile, Blood (Cavity), Blood (Femoral), Blood (Heart), Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, Spleen, Urine, Vitreous

PUTREFACTION No

Screening tests employed

Blood (Cavity) - Carboxyhemoglobin (UV/VIS)
Blood (Heart) - 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)

Analyte	Result	Specimen	Instrument
Carboxyhemoglobin	Not Detected	Blood (Cavity)	UV/VIS
Ethanol	Not Detected	Blood (Heart)	HSGC/FID
Glucose	Not Detected	Vitreous	Analyzer
Glucose	Not Detected	Urine	Analyzer
Pseudoephedrine	Detected	Blood (Femoral)	GC/MS
Pseudoephedrine	Detected	Urine	GC/MS
Codeine	Not Detected	Blood (Heart)	LC/MS
Codeine	22 (ng/mL, ng/g)	Urine	LC/MS

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