

FORENSIC TOXICOLOGY REPORT



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



September 1, 2021

NAME [REDACTED] CAMI # 202100120001 NTSB # CEN21FA327
LOCATION Comstock, TX MODE Aviation N # 2054B
DATE OF ACCIDENT 7/16/2021 DATE RECEIVED 7/22/2021 STATUS FATAL

SPECIMENS Brain, Heart, Liver, Lung, Muscle, Spleen

PUTREFACTION Yes

Screening tests employed

Muscle - Volatiles (HS GC/FID)
Liver - Volatiles (HS GC/FID)
Heart - Volatiles (HS GC/FID)
Brain - Volatiles (HS GC/FID)
Liver - Drugs of abuse (Immunoassay)
Liver - General drug screen (LC/MS, GC/MS)

<u>Analyte</u>	<u>Result</u>	<u>Specimen</u>	<u>Instrument</u>
Ethanol	34 (mg/dL, mg/hg)	Liver	HSGC/FID
Ethanol	182 (mg/dL, mg/hg)	Muscle	HSGC/FID
Ethanol	65 (mg/dL, mg/hg)	Heart	HSGC/FID
Ethanol	Inconclusive	Brain	HSGC/FID
N-Butanol	Detected	Muscle	HSGC/FID
N-Butanol	Detected	Heart	HSGC/FID
Propanol (N-)	Detected	Muscle	HSGC/FID
Propanol (N-)	Detected	Heart	HSGC/FID
Diphenhydramine	Detected	Liver	GC/MS
Diphenhydramine	Detected	Muscle	GC/MS

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

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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.