

THESE RECORDS MAY BE RELEASABLE UNDER THE FOIA REQUEST 15 DAYS AFTER SIGNATURE DATE UNLESS WE HEAR OTHERWISE FROM **FAA NTSB COUNSEL**

> Mike Monroney Aeronautical Center

PO Box 25082 Oklahoma City, Oklahoma 73125

Federal Aviation Administration

Friday, May 13, 2016

National Transportation Safety Board 45065 Riverside Parkway Ashburn, VA 20147

ACCIDENT# 0053

INDIVIDUAL#: 001 NAME:

MODE: AVIATION

DATE OF ACCIDENT 03/26/2016

DATE RECEIVED 04/05/2016

PUTREFACTION: No

N # 911GF

NTSB# ERA16FA140

201600053001 CAMI REF#

LOCATION OF ACCIDENT

Enterprise, AL

SPECIMENS

Muscle

FINAL FORENSIC TOXICOLOGY FATAL ACCIDENT REPORT

CARBON MONOXIDE: The carboxyhemoglobin (COHb) saturation is determined by spectrophotometry with a 10% cut off and confirmed by chromatography.

>> NOT PERFORMED

CYANIDE: The presence of cyanide is screened by Conway Diffusion, when the COHb level is equal to or greater than 10% or upon special request. Cyanides are quantitated by spectrophotometry and confirmed by chromatography. The reporting cutoff for cyanide is 0.25 ug/mL. Normal blood cyanide concentrations are less than 0.15 ug/mL, while lethal concentrations are greater than 3 ug/mL.

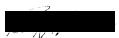
>> NOT PERFORMED

VOLATILES: The volatile concentrations are determined by headspace gas chromatography at a cut off of 10 mg/dL. Where possible, positive ethanol values are confirmed by Radiative Energy Attenuation.

>> Muscle unsuitable for analysis of Volatiles

DRUGS: Specimens are analyzed using immunoassay, chromatography, GC/MS, HPLC/MS, or GC/FTIR. Concentrations (ug/mL) at or above those in () can be determined for, but not limited to, the following drugs: amphetamines (0.010), opiates (0.010), marihuana (0.001), cocaine (0.020), phencyclidine (0.002), benzodiazepines (0.030), barbiturates (0.060), antidepressants (0.100), and antihistamines (0.020). Drugs and/or their metabolites, that are not impairing or abused, may be reported from the initial tests. See the CAMI Drug Information Web Site for additional information (http://jag.cami.jccbi.gov/toxicology/).

>> NO DRUGS listed above detected in Muscle



c=US, o=U.S. Government, ou=AMC, ou=AMC, cn=RUSSELL J LEWIS 2016.05.13 10:28:28 -05'00'

Russell Lewis, Ph.D. TC, FAA, Forensic Toxicology Research Team CAMI