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

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| U.S. Department of Transportation |
| Federal Aviation Administration |

Mike Monroney Aeronautical Center P.O. Box 25082 Oklahoma City, Oklahoma -73125

Thursday, January 18, 2018

National Transportation Safety Board

4760 Oakland Street, Suite 500

Denver, CO 80239

ACCIDENT # 0253 INDIVIDUAL#: 002 NAME: DATE OF ACCIDENT 12/16/2017 DATE R

DATE RECEIVED 12/20/2017 NTSB # CEN18FA053 MODE: AVIATION PUTREFACTION: No CAMI REF # 201700253002

LOCATION OF ACCIDENT Oldenburg, IN

N# 761YZ

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

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.

>> Blood (Cavity) unsuitable for analysis of CARBON MONOXIDE

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.

>> NO ETHANOL detected in Vitreous

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/).

- >> Atenolol detected in Liver
- >> Atenolol detected in Blood (Cavity)
- >> Azacyclonol detected in Liver
- >> Azacyclonol detected in Blood (Cavity)
- >> Fexofenadine detected in Liver
- >> Fexofenadine detected in Blood (Cavity)

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 2018.01.26 14:17:33 -06'00'