



HUMAN PERFORMANCE FACTORS GROUP CHAIRMAN'S FACTUAL REPORT
ATTACHMENT 10:

Truck Driver's Post-Crash Toxicology Screening: Civil Aerospace Medical Institute

Williston, FL

HWY16FH018

(2 pages)



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

FOR OFFICIAL USE ONLY
Public availability to be determined under 5 U.S.C.552.a

Mike Monroney
Aeronautical Center

P.O. Box 25082
Oklahoma City, Oklahoma 73125

Wednesday, May 17, 2017

National Transportation Safety Board, Highway Safety
490 L'Enfant Plaza East, S.W.
Washington, DC 20594

ACCIDENT # 0061 **INDIVIDUAL#:** 001 **NAME:** [REDACTED] **MODE:** HIGHWAY
DATE OF ACCIDENT 05/07/2016 **DATE RECEIVED** 03/23/2017 **PUTREFACTION:** No
N # **NTSB #** HWY16FH018 **CAMI REF #** 201700061001
LOCATION OF ACCIDENT Williston, FL
SPECIMENS Blood

AMENDED FORENSIC TOXICOLOGY NON-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.

>> NOT PERFORMED

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), marijuana (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/>).

>> 0.0031 (ug/ml, ug/g) Tetrahydrocannabinol (Marihuana) detected in Blood
>> 0.0662 (ug/ml, ug/g) Tetrahydrocannabinol Carboxylic Acid (Marihuana) detected in Blood

[Signature]
[REDACTED]

c=US, o=U.S. Government, ou=AMC, ou=AMC, cn=RUSSELL J LEWIS
2017.05.17 14:49:56 -05'00'

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