



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

THESE RECORDS MAY BE RELEASABLE UNDER THE FOIA REQUEST 15
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FAA NTSB COUNSEL

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Tuesday, March 08, 2016

National Transportation Safety Board
45065 Riverside Parkway
Ashburn, VA 20147

ACCIDENT # 0270 INDIVIDUAL#: 002 NAME: ODOM, II, RALPH E. MODE: AVIATION
DATE OF ACCIDENT 11/09/2015 DATE RECEIVED 12/04/2015 PUTREFACTION: No
N # 164GP NTSB # ERA16FA035 CAMI REF # 201500270002
LOCATION OF ACCIDENT Climax, GA
SPECIMENS Bile, Heart, Kidney, Liver, Lung, Muscle, Spleen

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.

>> 203 (mg/dL, mg/hg) Ethanol detected in Muscle
>> 44 (mg/dL, mg/hg) Ethanol detected in Liver
>> N-Propanol detected in Muscle

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/>).

>> 0.078 (ug/ml, ug/g) Amphetamine detected in Muscle
>> Cetirizine detected in Kidney
>> Doxylamine detected in Liver
>> 0.416 (ug/mL, ug/g) O-Desmethyltramadol detected in Liver
>> 0.116 (ug/mL, ug/g) O-Desmethyltramadol detected in Muscle
>> Tetrahydrocannabinol (Marihuana) detected in Lung
>> 0.0649 (ug/ml, ug/g) Tetrahydrocannabinol Carboxylic Acid (Marihuana) detected in Kidney
>> 0.017 (ug/ml, ug/g) Tetrahydrocannabinol Carboxylic Acid (Marihuana) detected in Liver
>> 0.0059 (ug/ml, ug/g) Tetrahydrocannabinol Carboxylic Acid (Marihuana) detected in Lung
>> 1.976 (ug/mL, ug/g) Tramadol detected in Liver

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Tuesday, March 08, 2016

CONTINUATION OF REF#: 201500270002 — ODOM, II, RALPH E.

>> 0.6 (ug/mL, ug/g) Tramadol detected in Muscle



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