



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

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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Aeronautical Center

P.O. Box 25082
Oklahoma City, Oklahoma 73125

Thursday, February 01, 2018

National Transportation Safety Board
4760 Oakland Street, Suite 500
Denver, CO 80239

ACCIDENT # 0231 INDIVIDUAL#: 002 NAME: [REDACTED] MODE: AVIATION
DATE OF ACCIDENT 11/04/2017 DATE RECEIVED 11/08/2017 PUTREFACTION: No
N # 777PH NTSB # CEN18FA023 CAMI REF # 201700231002
LOCATION OF ACCIDENT Alva, OK
SPECIMENS Blood, Serum

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.

- NO CARBOXYHEMOGLOBIN detected in Blood

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 Serum

DRUGS: Immunoassay used to screen for abused drugs. GC/Mass Spec, HPLC/Mass Spec, or GC/FTIR is used to confirm positive results. Concentrations (ug/mL) at or above those in () can be determined for the following drugs: amphetamines (0.010), opiates (0.010), marihuana (0.001), cocaine (0.020), phencyclidine (0.002), benzodiazepines (0.030), and barbiturates (0.060). For comprehensive information concerning these drugs see the CAMI Drug Information Web Site <http://jag.cami.jccbi.gov/toxicology/>.

- 0.119 (ug/mL, ug/g) Morphine detected in Blood

[REDACTED]

c=US, o=U.S. Government, ou=AMC, ou=AMC, cn=RUSSELL J
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2018.02.01 15:54:05 -06'00'

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