



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

Mike Monroney  
Aeronautical Center

P.O. Box 25082  
Oklahoma City, Oklahoma 73125

Tuesday, February 26, 2008

National Transportation Safety Board  
624 Six Flags Drive, Suite 150  
Arlington, TX 76011

ACCIDENT # 0017    INDIVIDUAL#: 001    NAME: EASTERLING, WILLIAM J.    MODE: AVIATION  
DATE OF ACCIDENT 01/18/2008    DATE RECEIVED 01/28/2008    PUTREFACTION: Yes  
N # 169CA    NTSB # DFW08FA057    CAMI REF # 200800017001  
LOCATION OF ACCIDENT    SAN ANTONIO, TX  
SPECIMENS    Bile, Blood, Heart, Kidney, Liver, Lung, Muscle, Spleen, Urine

**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 CARBON MONOXIDE detected in Blood

**CYANIDE:** The presence of cyanide is screened by Conway Diffusion. Positive cyanides are quantitated by spectrophotometry and confirmed by chromatography. The limit of quantitation of 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.

>> NO CYANIDE detected in Blood

**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 Blood

**DRUGS:** Immunoassay and chromatography are used to screen for legal and illegal drugs which include: amphetamine (0.010), opiates (0.010), marihuana (0.001), cocaine (0.020), phencyclidine (0.002), benzodiazepines (0.030), barbiturates (0.060), antidepressants (0.100), antihistamines (0.020), meprobamate (0.100), methaqualone (0.100), and nicotine (0.050). The values in () are the threshold values in ug/mL used to report positive results. Values below this concentration are normally reported as not detected. GC/Mass Spec, HPLC/Mass Spec, or GC/FTIR, is used to confirm most positive results.

>> 0.132 (ug/mL, ug/g) SERTRALINE detected in Blood  
>> SERTRALINE detected in Kidney  
>> 0.628 (ug/mL, ug/g) DESMETHYLSERTRALINE detected in Blood  
>> DESMETHYLSERTRALINE detected in Kidney  
>> 0.417 (ug/ml, ug/g) DOXYLAMINE detected in Blood  
>> DOXYLAMINE detected in Liver  
>> EPHEDRINE detected in Liver  
>> PSEUDOEPHEDRINE detected in Liver

Date: 2008.02.26 14:57:00 -06'00'

01/27/08  
3/5/08

Tuesday, February 26, 2008

CONTINUATION OF REF#: 200800017001 - EASTERLING, WILLIAM J.



Date: 2008.02.26 14:56:47 -06'00'

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