



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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Friday, March 01, 2013

National Transportation Safety Board
1515 W. 190th St., Suite 555
Gardena, CA 90248

ACCIDENT # 0002 **INDIVIDUAL#:** 001 **NAME:** STERN, WILLIAM A. JR. **MODE:** AVIATION
DATE OF ACCIDENT 12/29/2012 **DATE RECEIVED** 01/04/2013 **PUTREFACTION:** No
 N # 5M **NTSB #** WPR13FA076 **CAMI REF #** 201300002001
LOCATION OF ACCIDENT Lakeside, CA
SPECIMENS Brain, 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.

>> 15 (mg/dL, mg/hg) Ethanol detected in Muscle
>> NO ETHANOL detected in Heart
>> NO ETHANOL detected in Brain

-Notes:

-The ethanol found in this case is from sources other than ingestion.

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/>).

>> Metoprolol detected in Muscle
>> Metoprolol detected in Liver
>> Tamsulosin detected in Muscle
>> Tamsulosin detected in Liver

Friday, March 01, 2013

CONTINUATION OF REF#: 201300002001 — STERN, WILLIAM A. JR.

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