## 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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Federal Aviation
Administration

Wednesday, September 05, 2007

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

ACCIDENT# 0179 INDIVIDUAL#: 002 NAME: SMITH, CRAIG D. MODE: AVIATION

DATE OF ACCIDENT 07/27/2007 DATE RECEIVED 08/08/2007 PUTREFACTION: Yes

**N#** 15TV **NTSB#** LAX07MA231B **CAMI REF#** 200700179002

LOCATION OF ACCIDENT PHOENIX, AZ

SPECIMENS Bile, Heart, Kidney, Liver, Lung, Muscle, Pancreas, 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. 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.

>> 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.

- >> 20 (mg/dL, mg/hg) ETHANOL detected in Liver
- >> 35 (mg/dL, mg/hg) ETHANOL detected in Muscle

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.

>> NO DRUGS LISTED ABOVE DETECTED in Liver

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