



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

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FAA NTSB COUNSEL

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Monday, July 29, 2002

National Transportation Safety Board
Du Page Airport
West Chicago, IL 60185

ACCIDENT # 0131 INDIVIDUAL#: 001 NAME: DRYBREAD, STEVEN C. MODE: AVIATION
DATE OF ACCIDENT 05/23/2002 DATE RECEIVED 05/30/2002 PUTREFACTION: No
N # N827CM NTSB # CHI02LA140 CAMI REF # 200200131001
LOCATION OF ACCIDENT ANDERSON, IN
SPECIMENS Kidney, Liver, Lung, Muscle

FINAL FORENSIC TOXICOLOGY FATAL ACCIDENT REPORT

CARBON MONOXIDE: The carboxyhemoglobin saturation was determined by spectrophotometry with a 10% cut off.

>> NOT PERFORMED

CYANIDE: The presence of cyanide was screened by Conway Diffusion. Positive cyanides are quantitated using spectrophotometry. 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 3ug/mL.

>> NOT PERFORMED

VOLATILES: The volatile concentrations were determined by headspace gas chromatography at a cut off of 10 mg/dL. Where possible, positive ethanols were confirmed by Radiative Energy Attenuation.

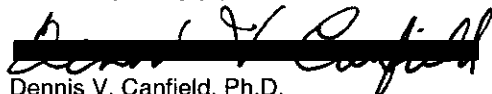
>> NO ETHANOL detected in Kidney
>> 12 (mg/dL, mg/hg) ETHANOL detected in Muscle

-Notes:

-The ethanol found in this case is from postmortem ethanol formation and not from the ingestion of ethanol.

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


Dennis V. Canfield, Ph.D.

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Research Laboratory

AUG 2 2002