



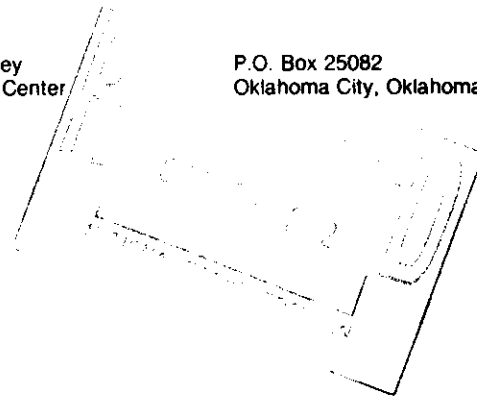
U.S. Department
of Transportation
**Federal Aviation
Administration**

THESE RECORDS MAY BE RELEASABLE UNDER THE FOIA REQUEST 15
DAYS AFTER SIGNATURE DATE UNLESS WE HEAR OTHERWISE FROM
FAA NTSB COUNSEL

Mike Monroney
Aeronautical Center

P.O. Box 25082
Oklahoma City, Oklahoma 73125

Friday, August 30, 2002



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

ACCIDENT # 0125 INDIVIDUAL#: 001 NAME: BRAUNSTEIN, ARLEN B. MODE: AVIATION
DATE OF ACCIDENT 05/16/2002 DATE RECEIVED 05/24/2002 PUTREFACTION: Yes
N # N328CG NTSB # LAX02FA166 CAMI REF # 200200125001
LOCATION OF ACCIDENT New River, AZ
SPECIMENS Bile, Gastric, Heart, Kidney, Liver, Lung, Muscle, Spleen

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.

- >> 43 (mg/dL, mg/hg) ETHANOL detected in Kidney
- >> 101 (mg/dL, mg/hg) ETHANOL detected in Muscle
- >> 18 (mg/dL, mg/hg) ACETALDEHYDE detected in Kidney
- >> 7 (mg/dL, mg/hg) ACETALDEHYDE detected in Muscle
- >> 3 (mg/dL, mg/hg) N-PROPANOL detected in Kidney
- >> 6 (mg/dL, mg/hg) N-PROPANOL detected in Muscle
- >> 5 (mg/dL, mg/hg) N-BUTANOL detected in Muscle

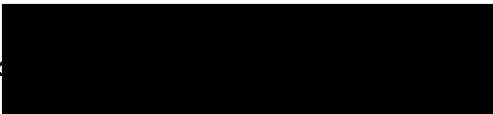
-Notes:

-The ethanol found in this case may potentially be 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.

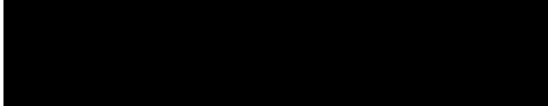
- >> CHLOROQUINE detected in Kidney
- >> CHLOROQUINE present in Liver

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CONTINUATION OF REF#: 200200125001 - BRAUNSTEIN, ARLEN B.



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Dennis V. Canfield, Ph.D.
Manager, Toxicology and Accident
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