

DEN01FA044

THESE RECORDS MAY BE RELEASABLE UNDER THE FOIA REQUEST 15
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FAA NTSB COUNSEL



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

Mike Monroney
Aeronautical Center

P.O. Box 25082
Oklahoma City, Oklahoma 73125

Friday, March 16, 2001

RECEIVED

MAR 26 2001

NTSB - DEN

National Transportation Safety Board
4760 Oakland Street, Suite 500
Denver, CO 80239

ACCIDENT #	0020	INDIVIDUAL#:	001	NAME:	CHOWDRY, MICHAEL A.	MODE:	AVIATION
DATE OF ACCIDENT	01/24/2001	DATE RECEIVED	01/30/2001	PUTREFACTION:	No		
	N # N602MC	NTSB #	DEN01FA044	CAMI REF #	200100020001		
LOCATION OF ACCIDENT	WATKINS, CO						
SPECIMENS	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.

>> 29 (mg/dL, mg/hg) ETHANOL detected in Lung
>> 27 (mg/dL, mg/hg) ETHANOL detected in Muscle
>> 12 (mg/dL, mg/hg) ACETALDEHYDE detected in Lung
>> 1 (mg/dL, mg/hg) ACETALDEHYDE 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), marijuana (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 DETECTED in Muscle

Dennis V. Canfield
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MAR 21 2001