

03-0216

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



U.S. Department of Transportation
Federal Aviation Administration

Mike Monroney
Aeronautical Center

P.O. Box 25082
Oklahoma City, Oklahoma 73125

Wednesday, March 19, 2003

National Transportation Safety Board
19518 Pacific Highway South, Room 201
Seattle, WA 98188

RECEIVED APR 14 2003

ACCIDENT # 0053	INDIVIDUAL#: 001	NAME: HUNTINGTON, ROY A.	MODE: AVIATION
DATE OF ACCIDENT 02/24/2003		DATE RECEIVED 02/28/2003	PUTREFACTION: No
	N # 23KS	NTSB # SEA03FA041	CAMI REF # 200300053001
LOCATION OF ACCIDENT PUYALLUP, WA			
SPECIMENS Bile, Blood, Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, Spleen, Vitreous			

FINAL FORENSIC TOXICOLOGY FATAL ACCIDENT REPORT

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

>> SPECIMENS WERE UNSUITABLE FOR ANALYSIS.

CYANIDE: The presence of cyanide is 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.

>> NO CYANIDE detected in Blood

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

>> NO ETHANOL detected in Vitreous

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 LISTED ABOVE DETECTED in Blood

D. V. Canfield
MAR 26 2003

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

DeJed M

Sy