

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 25002
Oklahoma City, Oklahoma 73125

Thursday, October 29, 2015

National Transportation Safety Board
222 West 7th Avenue, Rm 216, Box 11
Anchorage, AK 99513

ACCIDENT # 0183 INDIVIDUAL#: 001 NAME: NOLAN, BRIAN D. MODE: AVIATION
DATE OF ACCIDENT 08/22/2015 DATE RECEIVED 09/02/2015 PUTREFACTION: No
N # 3043E NTSB # ANC15FA086 CAMI REF # 201500183001
LOCATION OF ACCIDENT Kaslof, AK
SPECIMENS Blood, Brain, Heart, Kidney, Liver, Lung, Muscle, Spleen, Urine

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.

>> NO CARBON MONOXIDE detected in Blood

CYANIDE: The presence of cyanide is screened by Conway Diffusion, when the COHb level is equal to or greater than 10% or upon special request. Cyanides are quantitated by spectrophotometry and confirmed by chromatography. The reporting cutoff for 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.

>> NO ETHANOL detected in Urine

DRUGS: Specimens are analyzed using immunoassay, chromatography, GC/MS, HPLC/MS, or GC/FTIR. Concentrations (ug/mL) at or above those in () can be determined for, but not limited to, the following drugs: amphetamines (0.010), opiates (0.010), marijuana (0.001), cocaine (0.020), phencyclidine (0.002), benzodiazepines (0.030), barbiturates (0.060), antidepressants (0.100), and antihistamines (0.020). Drugs and/or their metabolites, that are not impairing or abused, may be reported from the initial tests. See the CAMI Drug Information Web Site for additional information (<http://jag.cami.jccbi.gov/toxicology/>).

>> Tetrahydrocannabinol (Marijuana) detected in Blood

>> 0.0856 (ug/ml, ug/g) Tetrahydrocannabinol Carboxylic Acid (Marijuana) detected in Liver

>> 0.0031 (ug/ml, ug/g) Tetrahydrocannabinol Carboxylic Acid (Marijuana) detected in Blood

c=US, o=U.S. Government, ou=AMC, ou=AMC,

cn=DENNIS V CANFIELD

2015.11.02 13:00:25 -06'00'

Dennis V. Canfield, Ph. D.
Manager, Bioaeronautical Sci.
Research Lab CAMI