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



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Federal Aviation
Administration

Monday, May 18, 2009

National Transportation Safety Board 8405 N.W. 53rd St., Suite B103

Miami, FL 33166

ACCIDENT # 0075 INDIVIDUAL#: 001 NAME: GAYNOR, DONALD J. MODE: AVIATION

DATE OF ACCIDENT 04/04/2009 DATE RECEIVED 04/17/2009 PUTREFACTION: Yes

**N#** 88WG **NTSB** # ERA09LA229 **CAMI REF** # 200900075001

LOCATION OF ACCIDENT ENGLEWOOD, FL

SPECIMENS Bile, Blood, Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, Spleen, Vitreous

## 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. Positive cyanides are quantitated by spectrophotometry and confirmed by chromatography. 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 3 ug/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 ethanol values are confirmed by Radiative Energy Attenuation.

- >> 99 (mg/dL, mg/hg) ETHANOL detected in Blood
- >> 94 (mg/dL, mg/hg) ETHANOL detected in Vitreous
- >> 78 (mg/dL, mg/hg) ETHANOL detected in Brain
- >> 65 (mg/dL, mg/hg) ETHANOL detected in Muscle

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.

- >> QUININE detected in Liver
- >> QUININE detected in Blood
- >> ZOLPIDEM detected in Liver
- >> 0.031 (ug/ml, ug/g) ZOLPIDEM detected in Blood

## CONTINUATION OF REF#: 200900075001 - GAYNOR, DONALD J.

Russell Lewis, Ph.D. TC, FAA, Forensic Toxicology Research Team CAMI