

REDACTED

NEW YORK, NEW YORK, MARCH 12, 2011 (HWY11MH005)

HUMAN PERFORMANCE GROUP CHAIRMAN FACTUAL

ATTACHMENT # 9

CIVIL AEROSPACE MEDICAL INSTITUTE TOXICOLOGY RESULTS

(2 pages)



U.S. Department
of Transportation
Federal Aviation
Administration

FOR OFFICIAL USE ONLY

Public availability to be determined under 5 U.S.C. 552.a

Mike Monroney
Aeronautical Center

P O Box 25082
Oklahoma City, Oklahoma 73125

Tuesday, May 10, 2011

National Transportation Safety Board
490 L'Enfant Plaza East
Washington, DC 20594

ACCIDENT # 0070 INDIVIDUAL#: 001 NAME: WILLIAMS, OPHADELL JR. MODE: HIGHWAY
DATE OF ACCIDENT 03/12/2011 DATE RECEIVED 04/19/2011 PUTREFACTION: No
N # NTSB # CAMI REF # XXXXXXXXXX
LOCATION OF ACCIDENT NEW YORK CITY, NY
SPECIMENS Blood

FINAL FORENSIC TOXICOLOGY NON-FATAL ACCIDENT REPORT

CARBON MONOXIDE: The carboxyhemoglobin (COHb) saturation is determined by spectrophotometry with a 10% cut off and confirmed by chromatography.

>> NOT PERFORMED

CYANIDE: The presence of cyanide is screened by Conway Diffusion. Positive 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.

>> NOT PERFORMED

DRUGS: Immunoassay and/or chromatography are used to screen for drugs. GC/Mass Spec, HPLC/Mass Spec, or GC/FTIR is used to confirm most positive results. 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). For comprehensive information concerning all drugs detected by the laboratory, see the CAMI Drug Information Web Site <http://jag.cami.jccbi.gov/toxicology/>.

>> NO DRUGS listed above detected in Blood



Date: 2011.05.12 07:56:41 -05'0

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TC, FAA, Forensic Toxicology
Research Team CAMI