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Friday, November 13, 2015

National Transportation Safety Board  
505 South 336th Street, Suite 540  
Federal Way, WA 98003

<b>ACCIDENT #</b> 0172	<b>INDIVIDUAL#:</b> 001	<b>NAME:</b> Percy, Jeffrey D.	<b>MODE:</b> AVIATION
<b>DATE OF ACCIDENT</b> 08/16/2015	<b>N #</b> 442RM	<b>DATE RECEIVED</b> 08/26/2015	<b>PUTREFACTION:</b> Yes
	<b>NTSB #</b> WPR15FA243	<b>CAMI REF #</b> 201500172001	
<b>LOCATION OF ACCIDENT</b> San Diego, CA			
<b>SPECIMENS</b> Bile, Blood (Cavity), Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, Spleen			

<b>FINAL FORENSIC TOXICOLOGY FATAL ACCIDENT REPORT</b>
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**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 (Cavity)

**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 Blood (Cavity)

**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/>).

>> NO DRUGS listed above detected in Blood (Cavity)

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