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National Transportation Safety Board
45065 Riverside Parkway
Ashburn, VA 20147

ACCIDENT # 0050	INDIVIDUAL#: 001	NAME: Jackson, Brenda J.	MODE: AVIATION
DATE OF ACCIDENT 03/26/2016		DATE RECEIVED 03/30/2016	PUTREFACTION: Yes
N # 6238D		NTSB # ERA16FA141	CAMI REF # 201600050001
LOCATION OF ACCIDENT	Charleston, WV		
SPECIMENS	Blood (Subclav.), Brain, Gastric, Heart, Kidney, Liver, Lung, Muscle, Spleen, Vitreous		

CLINICAL: Vitreous and Urine are tested for the presence of glucose with reagent strips and by enzymatic spectrophotometric analysis. Postmortem vitreous glucose levels above 125 mg/dL are considered abnormal and postmortem urine levels above 100 mg/dL are considered abnormal. Hemoglobin A1C is analyzed using a latex immunoagglutination inhibition methodology. Hemoglobin A1C blood levels above 6% are considered abnormal. Urine specimens are defined as "dilute" if the creatinine concentration is < 20 mg/dL and the specific gravity is < 1.003. Concentrations of serotonin metabolites 5-hydroxytryptophol (5-HTOL) and 5-hydroxyindole-3-acetic acid (5-HIAA) are measured by LC/MS. A 5-HTOL/5-HIAA ratio value < 15 pmol/nmol is not consistent with ethanol ingestion, while a ratio value > 15 pmol/nmol is indicative of ethanol ingestion.

>> 259 (mg/dl) Glucose detected in Vitreous
>> Blood (Subclav.) unsuitable for analysis of Hemoglobin A1C

c=US, o=U.S. Government, ou=AMC,
ou=AMC, cn=RUSSELL J LEWIS
2016.05.26 14:23:47 -05'00'

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