



U.S. Department
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**Federal Aviation
Administration**

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FAA NTSB COUNSEL

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Friday, August 06, 1999

National Transportation Safety Board
2001 Route 46, Suite 504
Parsippany, NJ 07054

CAMI CASE # 9900170001 NAME KENNEDY, JOHN F. JR. PUTREFACTION: Yes
DATE OF ACCIDENT 7/16/99 DATE RECEIVED 7/23/99
LOCATION OF ACCIDENT VINEYARD HAVEN, MA
SPECIMENS Kidney, Liver, Lung, Muscle, Spleen

FINAL FORENSIC TOXICOLOGY FATAL ACCIDENT REPORT

CARBON MONOXIDE: The carboxyhemoglobin saturation was determined by spectrophotometry with a 10% cut off.

>> NOT PERFORMED.

CYANIDE: The presence of cyanide was screened by Conway Diffusion. Positive cyanides are quantitated using spectrophotometry. 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 3ug/mL.

>> NOT PERFORMED.

VOLATILES: The volatile concentrations were determined by headspace gas chromatography at a cut off of 10 mg/dL. All positive ethanols were confirmed by Radiative Energy Attenuation.

- >> 36 (mg/dL, mg/hg) ETHANOL detected in Lung
- >> 8 (mg/dL, mg/hg) ACETALDEHYDE detected in Lung
- >> 55 (mg/dL, mg/hg) ETHANOL detected in Muscle
- >> 5 (mg/dL, mg/hg) ACETALDEHYDE detected in Muscle

-Notes:

-The ethanol found in this case may potentially be from postmortem ethanol formation and not from the ingestion of ethanol.

DRUGS: Immunoassay and chromatography are used to screen for legal and illegal drugs which include: amphetamine (0.010), opiates (0.010), marijuana (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.

>> NO DRUGS detected in Kidney


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