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

U.S Department
of Transportation
Federal Aviation Administration

Mike Monroney
Aeronautical Center

P.O. Box 25082
Oklahoma City, OK 73125

Tuesday, November 04, 2003

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

ACCIDENT # 0290 **INDIVIDUAL#:** 001 **NAME:** KNABE, SCOTT A. **MODE:** AVIATION
DATE OF ACCIDENT 08/26/2003 **DATE RECEIVED** 10/08/2003 **PUTREFACTION:** No
N # 240CJ **NTSB #** NYC03MA183 **CAMI REF #** 200300290001
LOCATION OF ACCIDENT YARMOUTH, MA
SPECIMENS Heart, Lung, Muscle

FINAL FORENSIC TOXICOLOGY FATAL ACCIDENT REPORT

CARBON MONOXIDE: The carboxyhemoglobin (COHb) saturation is determined by spectrophotometry with a 10% cut off. Where possible, positive COHb values are confirmed by GC/TCD.

>> NOT PERFORMED

CYANIDE: The presence of cyanide is 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 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 Muscle
>> NO ETHANOL detected in Heart

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.

>> NO DRUGS LISTED ABOVE DETECTED in Heart

Dennis Canfield, PhD.
Manager, Bioaeronautical
Sciences Research Laboratory

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U.S Department
of Transportation
Federal Aviation Administration

Mike Monroney
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P.O. Box 25082
Oklahoma City, OK 73125

Wednesday, November 05, 2003

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

ACCIDENT # 0290 **INDIVIDUAL#:** 002 **NAME:** DEAN, STEVEN T. **MODE:** AVIATION

DATE OF ACCIDENT 08/26/2003 **DATE RECEIVED** 10/08/2003 **PUTREFACTION:** Yes

N # 240CJ **NTSB #** NYC03MA183 **CAMI REF #** 200300290002

LOCATION OF ACCIDENT YARMOUTH, MA

SPECIMENS Kidney, Liver, Lung, Muscle

FINAL FORENSIC TOXICOLOGY FATAL ACCIDENT REPORT

CARBON MONOXIDE: The carboxyhemoglobin (COHb) saturation is determined by spectrophotometry with a 10% cut off. Where possible, positive COHb values are confirmed by GC/TCD.

>> NOT PERFORMED

CYANIDE: The presence of cyanide is 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

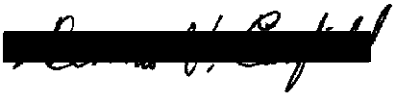
VOLATILES: The volatile concentrations are determined by headspace gas chromatography at a cut off of 10 mg/dL. Where possible, positive ethanol values are confirmed by Radiative Energy Attenuation.

>> NO ETHANOL detected in Muscle
>> 18 (mg/dL, mg/hg) ETHANOL detected in Liver
>> 32 (mg/dL, mg/hg) ACETALDEHYDE detected in Muscle
>> 69 (mg/dL, mg/hg) ACETALDEHYDE detected in Liver

-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), 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.

>> NO DRUGS LISTED ABOVE DETECTED in Liver



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CONTINUATION OF REF#: 200300290002 – DEAN, STEVEN T.

[redacted] Date: 2003.11.06 13:49:10 -06'00'

Dennis Canfield, PhD.
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