



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

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

Mike Monroney
Aeronautical Center

P.O. Box 25082
Oklahoma City, Oklahoma 73125

Tuesday, August 02, 2016

National Transportation Safety Board
4760 Oakland Street, Suite 500
Denver, CO 80239

ACCIDENT # 0110 INDIVIDUAL#: 001 NAME: Chennault, Clayton R. MODE: AVIATION
DATE OF ACCIDENT 06/01/2016 DATE RECEIVED 06/16/2016 PUTREFACTION: No
N # 5679G NTSB # CEN16LA203 CAMI REF # 201600110001
LOCATION OF ACCIDENT Penwell, TX
SPECIMENS Bile, Brain, Heart, Kidney, Liver, Lung, Muscle, Spleen

FINAL FORENSIC TOXICOLOGY 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, 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.

>> 133 (mg/dL, mg/hg) Ethanol detected in Brain
>> 131 (mg/dL, mg/hg) Ethanol detected in Muscle

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), marihuana (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/>).

>> 0.036 (ug/ml, ug/g) Alprazolam detected in Liver
>> Alprazolam detected in Lung
>> 1.961 (ug/ml, ug/g) Butalbital detected in Liver
>> 0.933 (ug/ml, ug/g) Butalbital detected in Lung
>> Metoprolol detected in Lung
>> Metoprolol detected in Liver

c=US, o=U.S. Government, ou=AMC, ou=AMC,
cn=RUSSELL J LEWIS
2016.08.05 13:21:19 -05'00'

Forensic Toxicology Results



Office of Chief Medical Examiner
Toxicology Laboratory Service
200 Feliks Gwozdz Place
Fort Worth, Texas 76104
Name: **Clayton Ray Chennault**
Case Number: **1608433**
Toxicology Work Number: **1602001**

Nizam Peerwani, M.D., DABFP
Chief Medical Examiner
Robert Johnson, PH.D., DABFT
Chief Toxicologist

Service Request Number: 002

Specimen	Drug	Result	Drug Amount	Instrument Used	Performed By
MUSCLE	Ethanol	POSITIVE	0.030 g/dL	GC/FID	K. SCOTT
MUSCLE	Amphetamine ELISA	NEGATIVE		ELISA	B. LANDRY
MUSCLE	Methamphetamine ELISA	NEGATIVE		ELISA	B. LANDRY
MUSCLE	THC ELISA	NEGATIVE		ELISA	B. LANDRY
MUSCLE	Opiate ELISA	NEGATIVE		ELISA	B. LANDRY
MUSCLE	Cocaine ELISA	NEGATIVE		ELISA	B. LANDRY
MUSCLE	Benzodiazepine ELISA	POSITIVE		ELISA	B. LANDRY
MUSCLE	Oxycodone ELISA	NEGATIVE		ELISA	B. LANDRY
MUSCLE	ACID	NEGATIVE		GCMS	A. McCall
MUSCLE	ALPRAZOLAM	POSITIVE	117 ng/mL	LCMS	C. WHEELER

Approved By: _____

Approved Date: _____

6/13/16