

## U.S. ARMY AVIATION ACCIDENT REPORT

<b>U.S. ARMY AVIATION ACCIDENT REPORT</b>						
<b>Source</b>	FINAL					
<b>1. Case Number</b>	<b>1a. Date of Accident</b>	<b>1b. Time</b>	<b>1c. Aircraft Serial Number</b>	<b>2a. Classification</b>		<b>2b. Category</b>
19750904005	Sep 04 1975	1330	7015009	E		
<b>3. Type of Aircraft</b>	<b>4. Period Of Day</b>	<b>5. No Acft Involved</b>	<b>6. Nearest Installation</b>			
CH47C	DAY	1	22061 - BARKSDALE AFB, LA			
<b>7. Accident Location</b>		a. Off Post	b. On Airfield	d. LOUISIANA		
<b>8. Organization Involved in Accident</b>						
<b>Unit</b>	<b>UIC5</b>	<b>UIC4</b>	<b>UIC3</b>	<b>UIC2</b>	<b>MACOM</b>	<b>Station</b>
WCBJD0		WCBJAA	WH0VAA	WAT6FF	W3YBAA	48396
D CO		34SUPBN	6CAVBDE	3 CORPS	FORSCOM	FT HOOD, TX
<b>9. Organization Accountable for Accident</b>						
WCBJD0		WCBJAA	WH0VAA	WAT6FF	W3YBAA	48396
D CO		34SUPBN	6CAVBDE	3 CORPS	FORSCOM	FT HOOD, TX
<b>10. Estimated Accident Cost</b>						
<b>a. Total Loss</b>	<b>b. Aircraft Damage</b>		<b>c. Man Hrs</b>	<b>d. Man Hrs Cost</b>	<b>e. Other Mil Damage</b>	<b>f. Civilian Damage</b>
No	\$0		25	\$0	\$0	\$0
<b>g. Injury</b>		<b>h. Total This Aircraft</b>		<b>i. Total Accident</b>		
\$0		\$0		\$0		
<b>11. General Data</b>						
<b>a. Mission</b>				<b>S/M</b>	<b>b. Flight Plan</b>	<b>c. Data Recorder</b>
S - SERVICE					IFR	
<b>d. Night Vision</b>		<b>e. Fire</b>		<b>f. Fluid Spillage</b>		<b>g. Field Training</b>
		INFLIGHT		Yes		
<b>12. Flight Data</b>						
<b>a. Emergency</b>		<b>Duration</b>		<b>Phase of Operation</b>		
		0		C - TAXI		

	<b>AGL</b>	<b>KIAS</b>	<b>Weight</b>	<b>Overgross</b>	
			37800		
<b>b. Termination</b>	<b>Duration</b>		<b>Phase of Operation</b>		
	0		-		
	<b>AGL</b>	<b>KIAS</b>	<b>Weight</b>	<b>Overgross</b>	
			37800		
<b>13. Type Event</b>					
02 - Forced Landing		34 - Fire And/Or Explosion On The Ground		-	
<b>14. Accident Cause Factors</b>		<b>Human Error</b>	<b>Material Failure</b>	<b>Environmental</b>	
		UNKNOWN	DEFINITE	NO	
<b>15. Summary</b>					
WHILE TWO-WHEEL TAXIING OUT OF PARKING, NR 1 ENGINE FIRE LIGHT ILLUM. ACFT WAS STOPPED AND ENGINE SHUT DOWN. CRACKED FUEL MANIFOLD ON NR 1 ENGINE.\\					
<b>16. COMPONENT AND PART FAILURE/MALFUNCTION DATA</b>					
<b>Major Component Information</b>					
<b>a. Nomenclature</b>	<b>b. Type/Design/Series</b>	<b>c. Part Number</b>	<b>d. NSN</b>	<b>e. MFG Code</b>	<b>f. Part Serial No</b>
ENGINE	T55L11A	200102005	2840004286382	91547	LE19360B
<b>Part Information</b>					
<b>a. Nomenclature</b>		<b>c. Part Number</b>	<b>d. NSN</b>	<b>e. MFG Code</b>	<b>f. Part Serial No</b>
MANIFOLD		216095004	2915009952745	91547	
<b>g. Cause Failure</b>			<b>Functional Group</b>		
<b>Material</b>	<b>Maintenance</b>	<b>Design</b>	<b>Manufacture</b>	03 - ENGINE/POWER PLANT 02 - COMBUSTION SECTION	
DEFINITELY	NONE			73 - FUEL MANIFOLD -	
<b>Type Failure</b>			<b>Cause Failure</b>		
190 - CRACKED		-	999 - UNDETERMINED		-
<b>17. ENVIRONMENTAL</b>					
<b>a. General</b>	(1) <input type="checkbox"/> IMC		(2) <input type="checkbox"/> VMC		(3) <input type="checkbox"/> Unknown
<b>b. Environmental Conditions</b>					
<b>1. Weather Conditions</b>			<b>2. Other Conditions</b>		

(a) Hail	<input type="checkbox"/>	(a) Animals	<input type="checkbox"/>
(b) Sleet	<input type="checkbox"/>	(b) Fowl	<input type="checkbox"/>
(c) Fog	<input type="checkbox"/>	(c) Surface	<input type="checkbox"/>
(d) Drizzle	<input type="checkbox"/>	(d) Noise	<input type="checkbox"/>
(e) Rain	<input type="checkbox"/>	(e) Chemicals	<input type="checkbox"/>
(f) Snow	<input type="checkbox"/>	(f) Radiation	<input type="checkbox"/>
(g) Lightning	<input type="checkbox"/>	(g) Glare	<input type="checkbox"/>
(h) Thunderstorm	<input type="checkbox"/>	(h) FOD	<input type="checkbox"/>
(i) Gusty Winds	<input type="checkbox"/>	(i) Temperature	<input type="checkbox"/>
(j) Freezing Rain	<input type="checkbox"/>	(j) Vibration	<input type="checkbox"/>
(k) Other	<input type="checkbox"/>	(k) Dust	<input type="checkbox"/>
<b>c. Aircraft Icing</b>	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	<b>d. Turbulence</b>	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
<b>19. MOON ILLUMINATION DATA</b>			
<b>a. Above Horizon</b>	<b>b. Visible</b>	<b>c. Degrees Above Horizon</b>	<b>d. Percent Illumination</b>
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		
<b>20. WIRE STRIKE DATA</b>			
<b>a. Wire Strike</b>	<b>b. WSPS Installed</b>	<b>c. WSPS Engaged</b>	
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	
<b>d. WSPS Cut Wire</b>	<b>e. WSPS Functioned</b>	<b>f. Wires Struck</b>	
<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	Number wires	0
		Dia.(inches)	
<b>21. PERSONNEL DATA</b>			
<b>Person # 1</b>	<b>c. Grade</b>	<b>d. Sex</b>	<b>e. Duty</b>
	O3		PC - PILOT IN COMMAND
<b>f. SVC</b>		<b>g. UIC</b>	<b>h. Role</b>
A - ACTIVE ARMY		WCBJD0	U - UNKNOWN
<b>i. On Controls</b>		<input type="checkbox"/> No <input type="checkbox"/> Yes	
<b>j. Lab Test</b>		<b>k. Hrs Slept 24</b>	<b>l. Hrs Worked 24</b>
<input type="checkbox"/> Yes <input type="checkbox"/> No			
<b>m. Hrs Flown 24</b>	<b>n. RL</b>	<b>o. FAC</b>	<b>p. Injury</b>
			<b>q. MTDS Total Flt Hrs</b>

<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	-	0
<b>Person # 2</b>	<b>c. Grade</b>	<b>d. Sex</b>	<b>e. Duty</b>
	W2		PI - PILOT
<b>f. SVC</b>		<b>g. UIC</b>	<b>h. Role</b>
A - ACTIVE ARMY		WCBJD0	U - UNKNOWN
<b>i. On Controls</b>		<input type="checkbox"/> No <input type="checkbox"/> Yes	
<b>j. Lab Test</b>		<b>k. Hrs Slept 24</b>	<b>l. Hrs Worked 24</b>
<input type="checkbox"/> Yes <input type="checkbox"/> No			
<b>m. Hrs Flown 24</b>	<b>n. RL</b>		<b>o. FAC</b>
	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3		<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3
	-		0
<b>22. IMPACT/PROTECTIVE/ESCAPE/SURVIVAL/RESCUE DATA</b>			
<b>a. Aircraft Space Compromised</b>		<b>b. Escape/Survival Difficulties</b>	<b>c. Protective/Restraint Equip Functioned</b>
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
<b>24. FINDINGS AND RECOMMENDATIONS</b>			
<b>Findings</b>			
1. THERE WAS A FUEL LEAK ON THE #1 ENGINE IN THE AREA OF THE FUEL MANIFOLD. 2. DUE TO THE IMMEDIATE CREW RESPONSE, AND UTILIZING THE CORRECT EMERGENCY PROCEDURE, NO DAMAGE WAS INCURRED ON THE AIRCRAFT. 3. THE ORIGINAL CRASH FACTS INDICATED THAT THAT THIS MISHAP WAS AN INCIDENT.\			
<b>Recommendations</b>			
1. THE AFFECTED ENGINE BE EIR'D TO DETERMINE THE SOURCE OF THE FUEL LEAK. 2. THE IMPORTANCE OF KNOWING AND EXECUTING PROPER EMERGENCY PROCEDURES QUICKLY BE DISSEMINATED TO ALL PILOTS. 3. DUE TO THE LACK OF ANY DAMAGE TO THE AIRFRAME, THIS MISHAP SHOULD BE DECLARED A FORCED LANDING.\			