

UNCLASSIFIED

ABBREVIATED AVIATION ACCIDENT REPORT (AAAR)								
Source	PRAM							
1. Case Number	1a. Date of Accident	1b. Time	1c. Aircraft Serial Number	2a. Classification	2b. Category			
19891014002	Oct 14 1989	1613	7015009	E				
3. Type of Aircraft	4. Period Of Day	5. No Acft Involved	6. Nearest Installation					
CH47C	DAY	1	48859 - CAMP SWIFT, TX					
7. Accident Location		a. On Post	b. Not On Airfield	d. TEXAS				
8. Organization Involved in Accident								
Unit	UIC7	UIC6	UIC5	UIC4	UIC3	UIC2	Army Headquarters Element	Station
WV71AA						W8BBAA	W00QAA	48351
G/149AX						TX NG	ARNG	GRAND PRAIRIE MUN, TX
9. Organization Accountable for Accident								
WV71AA						W8BBAA	W00QAA	48351
G/149AX						TX NG	ARNG	GRAND PRAIRIE MUN, TX
10. Estimated Accident Cost								
a. Total Loss	b. Aircraft Damage		c. Man Hrs		d. Man Hrs Cost		e. Other Mil Damage	
No	\$0		0		\$0		\$0	
f. Civilian Damage		g. Injury		h. Total This Aircraft		i. Total Accident		
\$0		\$0		\$0		\$0		
11. General Data								
a. Mission				S/M	b. Flight Plan		c. Data Recorder	
T - TRAINING					VFR			
d. Night Vision		e. Fire		f. Fluid Spillage		g. Field Training		
		NONE		No				
12. Flight Data								
a. Emergency		Duration		Phase of Operation				
		1.5		G - CRUISE				
		AGL	KIAS	Weight		Overgross		
		1500	90	30000				
b. Termination		Duration		Phase of Operation				
		AGL		KIAS		Weight		Overgross

13. Type Event					
01 - Precautionary Landing					
14. Accident Cause Factors		Human Error	Material Failure	Environmental	
		NO	DEFINITE	NO	
15. Summary					
TRANSMISSION (XMSN) OIL PRESSURE CAUTION LIGHT ILLUMINATED AND XMSN OIL PRESSURE GAUGE INDICATED 18 PSI INFLIGHT (1500 FT AGL, 90 KIAS) OVER DROP ZONE. XMSN PRESSURE SELECTOR SWITCH WAS UTILIZED TO VERIFY THE LEFT XMSN (NO 1 ENGINE XMSN) WAS BELOW LIMITS. FLIGHT CREW ELECTED TO PERFORM PRECAUTIONARY LANDING WITH BOTH ENGINES ON LINE. PRECAUTIONARY LANDING WAS UNEVENTFUL, AND AIRCRAFT WAS SHUTDOWN NORMALLY WITH NO FURTHER INCIDENTS. AVN MAINT TEAM ARRIVED THE NEXT DAY TO REPAIR/FIX AIRCRAFT. THE PRESSURE TRANSDUCER WAS REPLACED, AIRCRAFT RELEASED FOR FLIGHT, AND AIRCRAFT WAS FLOWN BACK TO HOME STATION WITH NO FURTHER INCIDENTS. XMSN OIL PRESSURE TRANSDUCER FAILED.					
16. COMPONENT AND PART FAILURE/MALFUNCTION DATA					
Major Component Information					
a. Nomenclature	b. Type/Design/Series	c. Part Number	d. NSN	e. MFG Code	f. Part Serial No
ROTOR AND XMSN					
Part Information					
a. Nomenclature		c. Part Number	d. NSN	e. MFG Code	f. Part Serial No
TRANSDUCER		114ES2372	6680001830374	77272	
g. Cause Failure			Functional Group		
Material	Maintenance	Design	Manufacture	04 - ROTOR AND TRANSMISSION 05 - MAIN TRANSMISSION	
DEFINITE ROLE				75 - LUBRICATION 38 - PRESSURE SWTC	
Type Failure			Cause Failure		
524 - PRESSURE TOO LOW			998 - NOT REPORTED		
	-				-
17. ENVIRONMENTAL					
a. General	(1) <input type="checkbox"/> IMC		(2) <input type="checkbox"/> VMC		(3) <input type="checkbox"/> Unknown
b. Environmental Conditions					
1. Weather Conditions			2. Other Conditions		
(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"/>
c. Aircraft Icing	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	d. Turbulence	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
19. MOON ILLUMINATION DATA			
a. Above Horizon	b. Visible	c. Degrees Above Horizon	d. Percent Illumination
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		
20. WIRE STRIKE DATA			
a. Wire Strike	b. WSPS Installed	c. WSPS Engaged	
<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	
d. WSPS Cut Wire	e. WSPS Functioned	f. Wires Struck	
<input type="checkbox"/> No <input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> Yes	Number wires	0
		Dia.(inches)	
21. PERSONNEL DATA			
Person # 1	c. Grade	d. Sex	e. Duty
	W2	MALE	PI - PILOT
f. SVC		g. UIC	h. Role
N0 - NATIONAL GUARD		WV71AA	N - NONE
i. On Controls		<input type="checkbox"/> No <input type="checkbox"/> Yes	
j. Lab Test		k. Hrs Slept 24	l. Hrs Worked 24
<input type="checkbox"/> Yes <input type="checkbox"/> No			
m. Hrs Flown 24			
<input type="checkbox"/>			
n. RL	o. FAC	p. Injury	q. MTDS Total Flt Hrs
<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
Person # 2	c. Grade	d. Sex	e. Duty
	W4	MALE	PC - PILOT IN COMMAND
f. SVC		g. UIC	h. Role
N0 - NATIONAL GUARD		WV71AA	N - NONE
i. On Controls		<input type="checkbox"/> No <input type="checkbox"/> Yes	
j. Lab Test		k. Hrs Slept 24	l. Hrs Worked 24
<input type="checkbox"/> Yes <input type="checkbox"/> No			
m. Hrs Flown 24			
<input type="checkbox"/>			
n. RL	o. FAC	p. Injury	q. MTDS Total Flt Hrs
<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
22. IMPACT/PROTECTIVE/ESCAPE/SURVIVAL/RESCUE DATA			
a. Aircraft Space Compromised	b. Escape/Survival Difficulties	c. Protective/Restraint Equip Functioned	
<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	
24. FINDINGS AND RECOMMENDATIONS			
Findings			
Not Reported			
Recommendations			

Not Reported

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