



# National Transportation Safety Board Aviation Accident Factual Report

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<b>Location:</b>	PORTALES, NM	<b>Accident Number:</b>	FTW83LA421
<b>Date &amp; Time:</b>	09/01/1983, 1630 CDT	<b>Registration:</b>	N277SP
<b>Aircraft:</b>	HUGHES 500D	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	4 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Executive/Corporate		

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## Pilot Information

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<b>Certificate:</b>	Flight Instructor; Commercial	<b>Age:</b>	30, Male
<b>Airplane Rating(s):</b>	Multi-engine Land; Single-engine Land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	Helicopter	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>		<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 1 Valid Medical--w/ waivers/lim.	<b>Last FAA Medical Exam:</b>	07/08/1983
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	1738 hours (Total, all aircraft), 351 hours (Total, this make and model), 1576 hours (Pilot In Command, all aircraft), 190 hours (Last 90 days, all aircraft)		

## Aircraft and Owner/Operator Information

Aircraft Make:	HUGHES	Registration:	N277SP
Model/Series:	500D 500D	Aircraft Category:	Helicopter
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	290461D
Landing Gear Type:	Skid	Seats:	5
Date/Type of Last Inspection:	08/31/1983, 100 Hour	Certified Max Gross Wt.:	2550 lbs
Time Since Last Inspection:	3 Hours	Engines:	1 Turbo Shaft
Airframe Total Time:	3209 Hours	Engine Manufacturer:	ALLISON
ELT:	Installed, not activated	Engine Model/Series:	250-C20B
Registered Owner:	SOUTHWESTERN PUBLIC SERVICE	Rated Power:	375 hp
Operator:	SOUTHWESTERN PUBLIC SERVICE	Operating Certificate(s) Held:	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0000	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	25 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	4 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	20°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	29° C
Precipitation and Obscuration:			
Departure Point:		Type of Flight Plan Filed:	None
Destination:	CLOVIS, NM	Type of Clearance:	None
Departure Time:	0000	Type of Airspace:	Class E

## Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	3 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	4 None	Latitude, Longitude:	

## Administrative Information

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Investigator In Charge (IIC):      A.      V EDWARDS

**Additional Participating Persons:**

**Investigation Docket:**      NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at [pubinquiry@ntsb.gov](mailto:pubinquiry@ntsb.gov), or at 800-877-6799. Dockets released after this date are available at <http://dms.nts.gov/pubdms/>.