



# National Transportation Safety Board Aviation Accident Factual Report

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<b>Location:</b>	BETHANY, OK	<b>Accident Number:</b>	FTW90DPJ04
<b>Date &amp; Time:</b>	04/02/1990, 2246 CST	<b>Registration:</b>	N3514X
<b>Aircraft:</b>	MOONEY M20F	<b>Aircraft Damage:</b>	Destroyed
<b>Defining Event:</b>		<b>Injuries:</b>	1 Fatal
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## Pilot Information

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<b>Certificate:</b>	Private	<b>Age:</b>	32, Male
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	Yes
<b>Medical Certification:</b>	Class 3 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	06/30/1989
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	106 hours (Total, all aircraft), 26 hours (Total, this make and model), 54 hours (Pilot In Command, all aircraft), 66 hours (Last 90 days, all aircraft), 47 hours (Last 30 days, all aircraft), 9 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

Aircraft Make:	MOONEY	Registration:	N3514X
Model/Series:	M20F M20F	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	670052
Landing Gear Type:	Retractable - Tricycle	Seats:	4
Date/Type of Last Inspection:	04/21/1989, Annual	Certified Max Gross Wt.:	2740 lbs
Time Since Last Inspection:	121 Hours	Engines:	1 Reciprocating
Airframe Total Time:	3013 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed, not activated	Engine Model/Series:	IO-360-AIA
Registered Owner:	NICHOLSON ENTERPRISES INC.	Rated Power:	200 hp
Operator:	NICHOLSON, DAVID ROBERT	Operating Certificate(s) Held:	

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	PWA, 1299 ft msl	Distance from Accident Site:	1 Nautical Miles
Observation Time:	2248 CDT	Direction from Accident Site:	190°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	20 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	3 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	340°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	8°C / 3°C
Precipitation and Obscuration:			
Departure Point:	ST. LOUIS, MO (3WE)	Type of Flight Plan Filed:	None
Destination:	OKLAHOMA CITY, OK (PWA)	Type of Clearance:	VFR
Departure Time:	1830 CDT	Type of Airspace:	Class E

## Airport Information

Airport:	WILEY POST (PWA)	Runway Surface Type:	Concrete
Airport Elevation:	1299 ft	Runway Surface Condition:	Dry
Runway Used:	35	IFR Approach:	None
Runway Length/Width:	7198 ft / 150 ft	VFR Approach/Landing:	Traffic Pattern

## Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Fatal	Latitude, Longitude:	

## Administrative Information

Investigator In Charge (IIC):	LLOYD R COOK
Additional Participating Persons:	CLINT BOEHLER ED NOWE RAYMOND STEICH
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 <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .