



National Transportation Safety Board Aviation Accident Data Summary

Location:	SAN ANGELO, TX	Accident Number:	FTW94LA115
Date & Time:	04/01/1994, 1820 CST	Registration:	N3521K
Aircraft:	PIPER PA-28-140	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

DURING THE INITIAL CLIMB THE ENGINE LOST POWER AND THE PILOT EXECUTED A FORCED LANDING IN A FIELD OFF THE DEPARTURE END OF THE RUNWAY. THE AIRCRAFT STRUCK A FENCE. AN EXAMINATION OF THE AIRCRAFT REVEALED THAT THE MUFFLER BAFFLE HAD COME LOOSE.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PARTIAL LOSS OF ENGINE POWER. A FACTOR WAS THE LACK OF SUITABLE TERRAIN.

Findings

Occurrence #1: LOSS OF ENGINE POWER(PARTIAL) - MECH FAILURE/MALF
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (C) EXHAUST SYSTEM,BAFFLE - LOOSE

Occurrence #2: FORCED LANDING

Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: ON GROUND/WATER COLLISION WITH OBJECT

Phase of Operation: LANDING - ROLL

Findings

2. (F) TERRAIN CONDITION - NONE SUITABLE

3. OBJECT - FENCE

Pilot Information

Certificate:	Private	Age:	42
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	197 hours (Total, all aircraft), 121 hours (Total, this make and model), 165 hours (Pilot In Command, all aircraft), 6 hours (Last 90 days, all aircraft), 2 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N3521K
Model/Series:	PA-28-140 PA-28-140	Engines:	1 Reciprocating
Operator:	SIMS, MARCUS L.	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-320-E2A
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	SJT, 1900 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	11 knots / , 170°
Temperature:	24° C	Visibility	25 Miles
Precipitation and Obscuration:			
Departure Point:	Destination: OZONA, TX (OZA)		

Airport Information

Airport:	MATHIS FIELD (SJT)	Runway Surface Type:	Asphalt
Runway Used:	18	Runway Surface Condition:	Dry
Runway Length/Width:	6916 ft / 150 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	MATTHEW ELLIS,	Adopted Date:	11/14/1994
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 pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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