



Aviation Investigation Final Report

Location:	Nickerson, Kansas	Accident Number:	DEN08CA063
Date & Time:	March 9, 2008, 19:40 Local	Registration:	N1424A
Aircraft:	Piper PA-22	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

According to the pilot, during the landing roll to a private dirt strip, the airplane began to veer off the left side of the runway. The pilot attempted to correct with right rudder; however, the airplane continued to the left. The airplane departed the landing environment and nosed over, resulting in substantial damage. An examination of the airplane systems revealed no anomalies. The inspector reported that the runway surface and shoulder were "very soft."

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the pilot's failure to maintain directional control during the landing roll resulting in a departure from the runway environment. Contributing to the accident was the soft runway surface.

Findings

Aircraft	Directional control - Not attained/maintained
Environmental issues	Soft surface - Not specified

Factual Information

History of Flight

Landing-landing roll	Loss of control on ground (Defining event)
Landing-landing roll	Nose over/nose down
Landing-landing roll	Runway excursion

Pilot Information

Certificate:	Private	Age:	46, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Without waivers/limitations	Last FAA Medical Exam:	June 1, 2006
Occupational Pilot:	No	Last Flight Review or Equivalent:	December 1, 2006
Flight Time:	250 hours (Total, all aircraft), 187 hours (Total, this make and model), 218 hours (Pilot In Command, all aircraft), 9 hours (Last 90 days, all aircraft), 7 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N1424A
Model/Series:	PA-22	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	22-338
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	March 1, 2008 Annual	Certified Max Gross Wt.:	1800 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	2622 Hrs at time of accident	Engine Manufacturer:	Lycoming
ELT:	Installed, not activated	Engine Model/Series:	O-290-D
Registered Owner:	On file	Rated Power:	125 Horsepower
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Dusk
Observation Facility, Elevation:	KHUT, 1543 ft msl	Distance from Accident Site:	10 Nautical Miles
Observation Time:	18:52 Local	Direction from Accident Site:	120°
Lowest Cloud Condition:	Clear	Visibility:	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	300°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.17 inches Hg	Temperature/Dew Point:	13°C / -4°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Nickerson, KS	Type of Flight Plan Filed:	None
Destination:	Nickerson, KS	Type of Clearance:	None
Departure Time:	18:45 Local	Type of Airspace:	

Airport Information

Airport:	Ag Air - Private PVT	Runway Surface Type:	Gravel
Airport Elevation:	1580 ft msl	Runway Surface Condition:	Soft
Runway Used:	27	IFR Approach:	None
Runway Length/Width:	2500 ft / 25 ft	VFR Approach/Landing:	Full stop

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
Total Injuries:	2 None	Latitude, Longitude:	38.145,-98.08361

Administrative Information

Investigator In Charge (IIC):	Kaiser, Jennifer
Additional Participating Persons:	Jerry Eichelberger; FAA Flight Standards District Office; Wichita, KS
Original Publish Date:	April 30, 2008
Last Revision Date:	
Investigation Class:	Class
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=67663

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