



National Transportation Safety Board Aviation Accident Data Summary

Location:	VINE GROVE, KY	Accident Number:	NYC94LA163
Date & Time:	09/01/1994, 1030 EDT	Registration:	N3256R
Aircraft:	PIPER PA-28R-180	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

AFTER A LOCAL FLIGHT, THE PILOT WAS ON FINAL TO THE PRIVATE GRASS STRIP WHERE THE FLIGHT ORIGINATED. HE HELD LEFT CONTROL CORRECTION ON FINAL FOR A LEFT QUARTERING HEAD WIND. ACCORDING TO THE PILOT, AT GROUND LEVEL THE WIND 'QUIT.' THE AIRPLANE TOUCHED DOWN WITH THE LEFT MAIN GEAR OFF OF THE LEFT SIDE OF THE RUNWAY. THE PILOT WAS NOT ABLE TO DIRECT THE AIRPLANE TO THE CENTER OF THE RUNWAY. THE AIRPLANE TRAVELED ABOUT 90 FEET, THE LEFT GEAR WENT INTO A DITCH, AND THE LEFT WING STRUCK A WOODEN POST. THE AIRPLANE THEN DID A LEFT GROUND LOOP. WINDS REPORTED 11 MILES FROM THE ACCIDENT SITE WERE AT 060 DEGREES AT 8 KNOTS.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's (1) inadequate compensation for wind conditions and (2) failure to align with the runway during landing touch down.

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING

Findings

1. WEATHER CONDITION - CROSSWIND
2. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND
3. (C) PROPER ALIGNMENT - NOT ATTAINED - PILOT IN COMMAND

Occurrence #2: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: LANDING - ROLL

Findings

4. OBJECT - FENCE POST

Pilot Information

Certificate:	Private	Age:	79
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	830 hours (Total, all aircraft), 388 hours (Total, this make and model), 5 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N3256R
Model/Series:	PA-28R-180 PA-28R-180	Engines:	1 Reciprocating
Operator:	C.B. SEVERS, ELSIE M. BARR	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-360-BIE
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:	FTK, 753 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Overcast / 25000 ft agl	Wind Speed/Gusts, Direction:	8 knots / , 60°
Temperature:	18°C	Visibility	7 Miles
Precipitation and Obscuration:			
Departure Point:	Destination:		

Airport Information

Airport:	VINE GROVE (KY70)	Runway Surface Type:	Grass/turf
Runway Used:	11	Runway Surface Condition:	Wet
Runway Length/Width:	2300 ft / 40 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC): ROBERT L PEARCE, Adopted Date: 01/26/1995

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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