



National Transportation Safety Board Aviation Accident Data Summary

Location:	HAYWARD, CA	Accident Number:	LAX99LA064
Date & Time:	01/02/1999, 1118 PST	Registration:	N4556Z
Aircraft:	Piper PA-22-108	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The student pilot was completing the last of his touch-and-go landings at a local airport. During the flare he said the airplane began to drift to the right and said he noticed the left wing getting ready to contact the ground, as if in a ground loop condition. The pilot applied full throttle in an attempt to fly away. He stated the airplane did not want to fly so he elected to close the throttle and attempted to straighten out the airplane for landing. The aircraft contacted the ground and subsequently nosed over. The gascolator was compromised during the crash, which allowed unregulated fuel to enter the engine cowling. The postcrash fire ensued which destroyed the airplane. The pilot reported that the weather conditions at the time of the crash as reported on ATIS were winds 070 at 4 knots.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot-in-command's failure to maintain directional control. A factor in this accident was the inadvertent ground loop swerve.

Findings

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

Findings

1. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
2. (F) GROUND LOOP/SWERVE - INADVERTENT - PILOT IN COMMAND
3. REMEDIAL ACTION - ATTEMPTED - PILOT IN COMMAND

Occurrence #2: NOSE OVER
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Occurrence #3: FIRE
Phase of Operation: OTHER

Pilot Information

Certificate:	Student	Age:	51
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	42 hours (Total, all aircraft), 37 hours (Total, this make and model), 42 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N4556Z
Model/Series:	PA-22-108 PA-22-108	Engines:	1 Reciprocating
Operator:	ARTHUR J. STAVRO	Engine Manufacturer:	Lycoming
Operating Certificate(s) Held:	None	Engine Model/Series:	O-320-A2B
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:	KHW, 47 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	5 knots / 8 knots, 180°
Temperature:	13° C	Visibility	9 Miles
Precipitation and Obscuration:			
Departure Point:	(HWD)	Destination:	

Airport Information

Airport:	HAYWARD AIR TERMINAL (HWD)	Runway Surface Type:	Asphalt
Runway Used:	28L	Runway Surface Condition:	Dry
Runway Length/Width:	5024 ft / 150 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC): DEBORAH L CHILDRESS

Adopted Date: 04/19/2001

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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