



National Transportation Safety Board Aviation Accident Data Summary

Location:	RENO, NV	Accident Number:	LAX93LA023
Date & Time:	11/01/1992, 1145 PST	Registration:	N3722Z
Aircraft:	PIPER PA-22-150	Injuries:	1 Serious, 1 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT AND PASSENGER WERE PARTICIPATING IN A FLOUR BOMBING AND POWER OFF SPOT LANDING CONTEST. AFTER COMPLETING THE FLOUR BOMBING EVENT THE PILOT ENTERED A LEFT DOWNWIND TO LAND ON A NORTH RUNWAY. THE SURFACE WINDS WERE FROM THE WEST AT 10 MPH, GUSTING TO 20 MPH WITH ASSOCIATED DOWNDRAFTS OFF OF THE RIDGE WEST OF THE AIRPORT. THE AIRPLANE OVERSHOT THE FINAL APPROACH COURSE WHILE AT A LOW ALTITUDE AND SLOW AIRSPEED. THE PILOT APPLIED POWER, BUT CONTINUED TO INCREASE THE BANK. THE WING STALLED AND THE AIRPLANE CRASHED.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S POORLY PLANNED APPROACH, INADEQUATE COMPENSATION FOR THE EXISTING WINDS, AND FAILURE TO MAINTAIN AIRSPEED. CONTRIBUTING TO THIS ACCIDENT WAS THE PILOT'S LACK OF TOTAL EXPERIENCE AND INADVERTENT STALL.

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: APPROACH - VFR PATTERN - BASE LEG/BASE TO FINAL

Findings

1. (C) PLANNED APPROACH - POOR - PILOT IN COMMAND
2. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND
3. (C) AIRSPEED - NOT MAINTAINED - PILOT IN COMMAND
4. (F) STALL - INADVERTENT - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Pilot Information

Certificate:	Private	Age:	27
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	159 hours (Total, all aircraft), 69 hours (Total, this make and model), 122 hours (Pilot In Command, all aircraft), 33 hours (Last 90 days, all aircraft), 5 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N3722Z
Model/Series:	PA-22-150 PA-22-150	Engines:	1 Reciprocating
Operator:	NELSON, KEVIN	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-320-A
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:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	10 knots / 20 knots, 250°
Temperature:		Visibility	30 Miles
Precipitation and Obscuration:			
Departure Point:		Destination:	

Airport Information

Airport:	NEVADA FLYERS (NV18)	Runway Surface Type:	Dirt
Runway Used:	34	Runway Surface Condition:	Dry
Runway Length/Width:	4600 ft / 75 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC): A. D Llorente

Adopted Date: 09/14/1993

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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