



National Transportation Safety Board Aviation Accident Data Summary

Location:	BAKERSFIELD, CA	Accident Number:	LAX85LA161
Date & Time:	03/01/1985, 1015 PST	Registration:	N89716
Aircraft:	CESSNA 152	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

DURING AN AUTHORIZED LOCAL SOLO PRACTICE FLT, THE 31-HOUR STUDENT WAS PERFORMING TAKEOFFS AND LANDING. ACCORDING TO PLT, SECOND LANDING WAS 'HARD' AND A NOSE WHEEL SHIMMY WAS NOTED DURING THE TAXI-BACK FOR TAKEOFF. JUST BEFORE LIFTOFF ON THE NEXT TAKEOFF, THE ACFT VEERED SHARPLY TO THE LEFT OFF THE RUNWAY, CROSSED A TAXIWAY AND COLLIDED WITH AN EMBANKMENT OF DRYING PISTACHIO HULLS ARRANGED PARALLEL TO THE TAXIWAY. PLT STATED THAT THERE WAS NO MECHANICAL MALFUNCTION OF THE ACFT.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

1. (C) PROPER ALIGNMENT - NOT MAINTAINED - PILOT IN COMMAND
 2. (C) GROUND LOOP/SWERVE - UNCONTROLLED - PILOT IN COMMAND
 3. (C) LACK OF TOTAL EXPERIENCE IN TYPE OF AIRCRAFT - PILOT IN COMMAND
-

Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

4. (C) TERRAIN CONDITION - DIRT BANK/RISING EMBANKMENT

Pilot Information

Certificate:	Student	Age:	42
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	34 hours (Total, all aircraft), 34 hours (Total, this make and model), 9 hours (Pilot In Command, all aircraft), 11 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:	CESSNA	Registration:	N89716
Model/Series:	152 152	Engines:	1 Reciprocating
Operator:	SIERRA FLITE SERVICE	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-235-L2C
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	BFL, 490 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 25000 ft agl	Wind Speed/Gusts, Direction:	5 knots / , 310°
Temperature:	18°C	Visibility	6 Miles
Precipitation and Obscuration:			
Departure Point:	BAKERSFIELD, CA (BFL)	Destination:	

Airport Information

Airport:	POSO KERN COUNTY (L73)	Runway Surface Type:	Asphalt
Runway Used:	34	Runway Surface Condition:	Dry
Runway Length/Width:	3000 ft / 60 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):	JEFF RICH	Adopted Date:
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/ .	

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report.