



National Transportation Safety Board Aviation Accident Data Summary

Location:	Coalinga, CA	Accident Number:	LAX05CA082
Date & Time:	02/02/2005, 1530 PST	Registration:	N521JD
Aircraft:	Cessna 172S	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The airplane encountered soft soil and nosed over during a landing overrun. The pilot said he touched down beyond the threshold and the airplane bounced once. By the time the pilot had recovered from the bounce and the airplane was in the landing rollout, the pilot determined that insufficient runway remained to stop the airplane. He elected not to perform an aborted landing due to the short runway and continued braking efforts. The airplane overran the end of the runway and the nose landing gear encountered soft dirt. The airplane nosed over and came to rest inverted.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the pilot's inadequate recovery from a bounced landing, and his failure to abort the landing.

Findings

Occurrence #1: HARD LANDING

Phase of Operation: LANDING - ROLL

Findings

1. FLARE - MISJUDGED - PILOT IN COMMAND
2. (C) RECOVERY FROM BOUNCED LANDING - INADEQUATE - PILOT IN COMMAND

Occurrence #2: OVERRUN

Phase of Operation: LANDING - ROLL

Findings

3. (C) ABORTED LANDING - NOT PERFORMED - PILOT IN COMMAND

Occurrence #3: NOSE OVER

Phase of Operation: LANDING - ROLL

Findings

4. TERRAIN CONDITION - SOFT

Pilot Information

Certificate:	Private	Age:	39
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	
Flight Time:	200 hours (Total, all aircraft), 200 hours (Total, this make and model), 100 hours (Last 90 days, all aircraft), 1 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	Cessna	Registration:	N521JD
Model/Series:	172S	Engines:	1 Reciprocating
Operator:	Kern Charter Service Inc.	Engine Manufacturer:	Lycoming
Air Carrier Operating Certificate:	None	Engine Model/Series:	IO-360 Series
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:		Weather Information Source:	Unknown
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	None
Condition of Light:	Day	Wind Speed/Gusts, Direction:	Calm
Temperature:		Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Bakersfield, CA (L45)	Destination:	Coalinga, CA (308)

Airport Information

Airport:	Harris Ranch Airport (308)	Runway Surface Type:	Asphalt
Runway Used:	32	Runway Surface Condition:	Dry
Runway Length/Width:	2820 ft / 30 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	Patrick Jones	Adopted Date:	04/28/2005
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
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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