



National Transportation Safety Board Aviation Accident Data Summary

Location:	Auburn, CA	Accident Number:	LAX06CA282
Date & Time:	09/02/2006, 0845 PDT	Registration:	N4813T
Aircraft:	Piper PA-28-140	Injuries:	3 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The airplane stalled and collided with terrain during takeoff, and went into a canal. The pilot reported that the weight of the airplane was 2,300 pounds, which is 150 pounds above the certified maximum gross weight of the airplane. He stated that he had not paid thorough attention to the weight and balance considerations. The airplane did not obtain enough airspeed at takeoff, which resulted in a departure stall, and the collision with terrain. The pilot stated that the airplane and engine had no mechanical failures or malfunctions.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the pilot's failure to comply with weight and balance limitations and failure to attain an adequate airspeed, which resulted in a stall and loss of control.

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (C) AIRCRAFT WEIGHT AND BALANCE - EXCEEDED - PILOT IN COMMAND
2. (C) AIRSPEED - NOT ATTAINED - PILOT IN COMMAND
3. STALL - INADVERTENT - PILOT IN COMMAND

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

Findings

4. TERRAIN CONDITION - GROUND

Pilot Information

Certificate:	Private	Age:	70
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	250 hours (Total, all aircraft), 50 hours (Total, this make and model), 118 hours (Pilot In Command, all aircraft), 27 hours (Last 90 days, all aircraft), 12 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N4813T
Model/Series:	PA-28-140	Engines:	1 Reciprocating
Operator:	On file	Engine Manufacturer:	Lycoming
Operating Certificate(s) Held:	None	Engine Model/Series:	O-320
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:	AUN, 1536 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None	Wind Speed/Gusts, Direction:	Calm / ,
Temperature:	26° C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Auburn, CA (AUN)	Destination:	Santa Ynez, CA (IZA)

Airport Information

Airport:	Auburn Muni (AUN)	Runway Surface Type:	Asphalt
Runway Used:	7	Runway Surface Condition:	Dry
Runway Length/Width:	3700 ft / 75 ft		

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	2 Minor	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:	38.957778, 0.000000		

Administrative Information

Investigator In Charge (IIC):	Howard Plagens	Adopted Date:	01/31/2007
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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