



National Transportation Safety Board Aviation Accident Factual Report

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

On September 2, 2006, about 0845 Pacific daylight time, a Piper PA-28-140, N4813T, collided with terrain during takeoff at Auburn Municipal Airport, Auburn, California. The pilot/owner was operating the airplane under the provisions of 14 CFR Part 91. The private pilot and two passengers sustained minor injuries; the airplane sustained substantial damage. The cross-country personal flight was originating with a planned destination of Santa Ynez, California. Visual meteorological conditions prevailed, and a visual flight rules (VFR) flight plan had been filed. The approximate global positioning system (GPS) coordinates of the primary wreckage were 38 degrees 57.28 minutes north latitude and 121 degrees 4.90 minutes west longitude.

The pilot stated in a written report that he was departing from runway 7. At a speed of 65 miles per hour he rotated the nose of the airplane up for liftoff. He failed to obtain enough airspeed, which resulted in a departure stall. The pilot lost control of the airplane, collided with the ground, and went into a canal. The pilot and his passengers evacuated the airplane with minor injuries. The water in the canal was swift, and the airplane drifted downstream. The fuselage was completely submerged in the canal. The left wing was bent up sharply and sticking out of the water.

The pilot stated that the airplane and engine had no mechanical failures or malfunctions. He also stated that he had not paid thorough attention to weight and balance considerations. According to the pilot the weight at the time of the accident was 2,300 pounds, which is 150 pounds above the airplane's certified maximum gross weight.

Several witnesses stated they saw the airplane approaching the end of the runway with the wheels still on the ground.

Pilot Information

Certificate:	Private	Age:	70, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	
Medical Certification:	Class 3 With Waivers/Limitations	Last FAA Medical Exam:	05/01/2006
Occupational Pilot:		Last Flight Review or Equivalent:	01/01/2006
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	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	28-7225212
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	05/01/2006, Annual	Certified Max Gross Wt.:	2150 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	3912 Hours as of last inspection	Engine Manufacturer:	Lycoming
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	O-320
Registered Owner:	On file	Rated Power:	150 hp
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	AUN, 1536 ft msl	Distance from Accident Site:	
Observation Time:	0855 PDT	Direction from Accident Site:	
Lowest Cloud Condition:	Few / 12000 ft agl	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	Calm /	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.9 inches Hg	Temperature/Dew Point:	26 °C / 7 °C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Auburn, CA (AUN)	Type of Flight Plan Filed:	VFR
Destination:	Santa Ynez, CA (IZA)	Type of Clearance:	None
Departure Time:	0845	Type of Airspace:	

Airport Information

Airport:	Auburn Muni (AUN)	Runway Surface Type:	Asphalt
Airport Elevation:	1536 ft	Runway Surface Condition:	Dry
Runway Used:	7	IFR Approach:	None
Runway Length/Width:	3700 ft / 75 ft	VFR Approach/Landing:	None

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
Total Injuries:	3 Minor	Latitude, Longitude:	38.957778, 0.000000

Administrative Information

Investigator In Charge (IIC):	Howard Plagens
Additional Participating Persons:	Bruce Allen; Federal Aviation Administration Sacramento FSDO; Sacramento, CA
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/ .