



## National Transportation Safety Board Aviation Accident Factual Report

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<b>Location:</b>	Tracy, CA	<b>Accident Number:</b>	LAX05CA153
<b>Date &amp; Time:</b>	05/01/2005, 1241 PDT	<b>Registration:</b>	N5300V
<b>Aircraft:</b>	Aerotek Pitts S-2A	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 Minor, 1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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On May 1, 2005, about 1241 Pacific daylight time, a Pitts S-2A, N5300V, ground looped during landing at Tracy, California. The owner was operating the airplane under the provisions of 14 CFR Part 91. The certified flight instructor (CFI) was not injured, and one passenger sustained minor injuries. The airplane sustained substantial damage. The local personal flight departed Tracy about 1150. Visual instrument meteorological conditions prevailed, and no flight plan had been filed.

The pilot submitted a Pilot/Operator Aircraft Accident Report (NTSB Form 6120.1/2). He stated that he departed the airport to go to the practice area. Upon returning to the airport, he used a slipping final for visibility, and to correct for a crosswind. When the wheels touched down, the airplane began to deviate left of center. The pilot corrected to the right, the left wing contacted the ground, and the airplane crossed to the right side of runway. The prop struck the runway and the airplane slowly nosed over. The pilot then turned off the fuel, master switch, and grounded the magnetos. Both occupants exited from the inverted airplane by sliding the canopy open.

The closest official weather observation station was Stockton Metro (SCK), which is located 15 nautical miles (nm) northeast of the accident site. An aviation routine weather report (METAR) for Stockton was issued at 1255. It stated: winds variable at 06 knots; visibility 10 miles; skies clear; temperature 23 degrees Celsius; dew point 08 degrees Celsius; altimeter 30.05 inHg.

The pilot reported that the weather at Tracy was: winds from 280 degrees at 12 knots; visibility 20 miles; skies 8,000 feet scattered; temperature 63 degrees Fahrenheit.

The pilot stated that the airplane and engine had no mechanical failures or malfunctions during the flight.

## Pilot Information

<b>Certificate:</b>	Flight Instructor; Commercial	<b>Age:</b>	54, Male
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	
<b>Other Aircraft Rating(s):</b>	Glider	<b>Restraint Used:</b>	Seatbelt, Shoulder harness
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	
<b>Instructor Rating(s):</b>	Airplane Single-engine; Instrument Airplane	<b>Toxicology Performed:</b>	
<b>Medical Certification:</b>	Class 3	<b>Last FAA Medical Exam:</b>	07/01/2004
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	1582 hours (Total, all aircraft), 31 hours (Total, this make and model), 1559 hours (Pilot In Command, all aircraft), 14 hours (Last 90 days, all aircraft), 1 hours (Last 30 days, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Aerotek	<b>Registration:</b>	N5300V
<b>Model/Series:</b>	Pitts S-2A	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Aerobatic	<b>Serial Number:</b>	2262
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	
<b>Date/Type of Last Inspection:</b>		<b>Certified Max Gross Wt.:</b>	
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>		<b>Engine Manufacturer:</b>	Lycoming
<b>ELT:</b>		<b>Engine Model/Series:</b>	AEIO-360-AIE
<b>Registered Owner:</b>	Team BARF LLC	<b>Rated Power:</b>	
<b>Operator:</b>	Team BARF LLC	<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>	Team BARF LLC	<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	KSCK	Distance from Accident Site:	15 Nautical Miles
Observation Time:	1255 PDT	Direction from Accident Site:	60°
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	6 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	Variable	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.05 inches Hg	Temperature/Dew Point:	23° C / 8° C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Tracy, CA (KTCY)	Type of Flight Plan Filed:	None
Destination:	Tracy, CA (KTCY)	Type of Clearance:	None
Departure Time:	1150	Type of Airspace:	

## Airport Information

Airport:	Tracy Municipal (KTCY)	Runway Surface Type:	Asphalt
Airport Elevation:		Runway Surface Condition:	Dry
Runway Used:	30	IFR Approach:	None
Runway Length/Width:	3680 ft / 100 ft	VFR Approach/Landing:	Full Stop

## Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 Minor	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	
Total Injuries:	1 Minor, 1 None	Latitude, Longitude:	37.688889, -121.441667

## Administrative Information

Investigator In Charge (IIC):	Tealeye Cornejo
Additional Participating Persons:	; Federal Aviation Administration; 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 <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .