



# National Transportation Safety Board Aviation Accident Factual Report

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<b>Location:</b>	PALO ALTO, CA	<b>Accident Number:</b>	LAX87LA001
<b>Date &amp; Time:</b>	10/02/1986, 0709 PDT	<b>Registration:</b>	N4178Y
<b>Aircraft:</b>	BELLANCA 7ECA	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None

**Flight Conducted Under:** Part 91: General Aviation - Instructional

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## Pilot Information

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<b>Certificate:</b>	Student	<b>Age:</b>	30, Male
<b>Airplane Rating(s):</b>	None	<b>Seat Occupied:</b>	Front
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	08/19/1986
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	34 hours (Total, all aircraft), 15 hours (Total, this make and model), 5 hours (Pilot In Command, all aircraft), 15 hours (Last 90 days, all aircraft), 9 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

Aircraft Make:	BELLANCA	Registration:	N4178Y
Model/Series:	7ECA 7ECA	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	1187-77
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	09/02/1986, 100 Hour	Certified Max Gross Wt.:	1650 lbs
Time Since Last Inspection:	40 Hours	Engines:	1 Reciprocating
Airframe Total Time:	2803 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	O-235-C1
Registered Owner:	WEST VALLEY FLYING CLUB	Rated Power:	115 hp
Operator:	WEST VALLEY FLYING CLUB	Operating Certificate(s) Held:	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	PAO, 5 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0710 PDT	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	40 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:	Variable	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	11° C / 6° C
Precipitation and Obscuration:			
Departure Point:	PALO ALTO, CA (PAO)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	0700 PDT	Type of Airspace:	Class D; Class E

## Airport Information

Airport:	PALO ALTO (PAO)	Runway Surface Type:	Asphalt
Airport Elevation:	5 ft	Runway Surface Condition:	Dry
Runway Used:	30	IFR Approach:	None
Runway Length/Width:	2500 ft / 65 ft	VFR Approach/Landing:	Touch and Go; Traffic Pattern

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	N/A	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 None	<b>Latitude, Longitude:</b>	

## Administrative Information

<b>Investigator In Charge (IIC):</b>	THOMAS H WILCOX
<b>Additional Participating Persons:</b>	THOMAS R PROVEN; SAN JOSE, CA
<b>Investigation Docket:</b>	NTSB accident and incident docket 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> .