



# National Transportation Safety Board Aviation Accident Data Summary

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<b>Location:</b>	Long Beach, CA	<b>Accident Number:</b>	LAX02LA037
<b>Date &amp; Time:</b>	12/02/2001, 1121 PST	<b>Registration:</b>	N50554
<b>Aircraft:</b>	Bellanca 8KCAB	<b>Injuries:</b>	1 Serious, 1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Instructional		

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## Analysis

The airplane impacted the ocean in an uncontrolled descent after experiencing a loss of control while maneuvering. The certified flight instructor (CFI) demonstrated a 4-point roll and transferred control of the airplane to the pilot under instruction (PUI) so that he could demonstrate the maneuver. Shortly after transferring control, the airplane's nose pitched down 20-30 degrees. The PUI asked the CFI if he was causing the nose to pitch down, to which the CFI responded in the negative. The CFI attempted to correct the nose down pitch but the control stick had no effect and the trim would not budge. Both the CFI and the PUI bailed out of the airplane before it impacted the ocean. The airplane was not recovered, and the reason for the loss of control was not determined.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the loss of aircraft control while maneuvering for undetermined reasons.

## Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT  
Phase of Operation: MANEUVERING

### Findings

1. (C) REASON FOR OCCURRENCE UNDETERMINED
2. BAIL-OUT/EMERGENCY EJECTION - PERFORMED - FLIGHTCREW

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

### Findings

3. TERRAIN CONDITION - WATER

## Flight Instructor Information

<b>Certificate:</b>	Airline Transport; Flight Instructor	<b>Age:</b>	54
<b>Airplane Rating(s):</b>	Multi-engine Land; Single-engine Land; Single-engine Sea	<b>Instrument Rating(s):</b>	Airplane
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	Airplane Single-engine
<b>Flight Time:</b>	10000 hours (Total, all aircraft), 800 hours (Total, this make and model), 180 hours (Last 90 days, all aircraft), 50 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

## Student Pilot Information

<b>Certificate:</b>	Commercial	<b>Age:</b>	
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Instrument Rating(s):</b>	Airplane
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	908 hours (Total, all aircraft), 150 hours (Total, this make and model), 881 hours (Pilot In Command, all aircraft), 7 hours (Last 90 days, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Bellanca	<b>Registration:</b>	N50554
<b>Model/Series:</b>	8KCAB	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	Hart Air	<b>Engine Manufacturer:</b>	Lycoming
<b>Operating Certificate(s) Held:</b>	None	<b>Engine Model/Series:</b>	AEIO-360-HIA
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Instructional		

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	LGB, 60 ft msl	<b>Weather Information Source:</b>	Weather Observation Facility
<b>Lowest Ceiling:</b>	None	<b>Wind Speed/Gusts, Direction:</b>	5 knots / , 180°
<b>Temperature:</b>	16°C	<b>Visibility</b>	10 Miles
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>	Long Beach, CA (LGB)	<b>Destination:</b>	

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Serious, 1 None	<b>Aircraft Damage:</b>	Destroyed
<b>Passenger Injuries:</b>	N/A	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Latitude, Longitude:</b>	33.817778, -118.151667		

## Administrative Information

Investigator In Charge (IIC): George E Petterson

Adopted Date: 09/29/2004

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](mailto: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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