

National Transportation Safety Board
Washington, DC 20594

Brief of Accident

Adopted 09/29/2004

LAX02LA037
File No. 16311 12/02/2001 Long Beach, CA Aircraft Reg No. N50554 Time (Local): 11:21 PST

Make/Model: Bellanca / 8KCAB
Engine Make/Model: Lycoming / AEIO-360-HIA
Aircraft Damage: Destroyed
Number of Engines: 1
Operating Certificate(s): None
Type of Flight Operation: Instructional
Reg. Flight Conducted Under: Part 91: General Aviation

	Fatal	Serious	Minor/None
Crew	0	1	1
Pass	0	0	0

Last Depart. Point: Long Beach, CA
Destination: Local Flight
Airport Proximity: Off Airport/Airstrip

Condition of Light: Day
Weather Info Src: Weather Observation Facility
Basic Weather: Visual Conditions
Lowest Ceiling: None
Visibility: 10.00 SM
Wind Dir/Speed: 180 / 005 Kts
Temperature (°C): 16
Precip/Obscuration: None / None

Pilot-in-Command Age: 54

Flight Time (Hours)

Certificate(s)/Rating(s)
Airline Transport; Flight Instructor; Multi-engine Land; Single-engine Land; Single-engine Sea
Instrument Ratings
Airplane

Total All Aircraft: 10000
Last 90 Days: 180
Total Make/Model: 800
Total Instrument Time: 300

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.

Brief of Accident (Continued)

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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

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

Findings

3. TERRAIN CONDITION - WATER

Findings Legend: (C) = Cause, (F) = Factor

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