



National Transportation Safety Board Aviation Accident Final Report

Location:	HAYWARD, CA	Accident Number:	LAX83LA315
Date & Time:	07/01/1983, 1757 PDT	Registration:	N4957G
Aircraft:	CESSNA 172	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	2 Minor, 6 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PLT STATED THAT DURING THE TAKEOFF ROLL HE ATTEMPTED TO LIFT THE ACFT OFF AT ABOUT 65-75 KTS INDICATED AIRSPEED. THE PLT SAID THAT HE THOUGHT THE ACFT WAS NOT RESPONDING PROPERLY SO HE CUT THE POWER AND TRIED TO LAND ON THE RWY. THE ACFT KEPT BOUNCING, SO HE ADDED POWER FOR TAKEOFF AND COLLIDED WITH TREES. THE PASSENGER STATEMENTS RELATED THAT THE ACFT VEERED TO THE RIGHT, LIFTED OFF TO ABOUT 4 FT AGL AND BEGAN TO BOUNCE. AS THE ACFT PROGRESSED ALONG THE RWY THE BOUNCING BECAME MORE SEVERE UNTIL THE ACFT COLLIDED WITH THE TREES.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER

Phase of Operation: TAKEOFF - ROLL/RUN

Findings

1. (C) THROTTLE/POWER CONTROL - IMPROPER USE OF - PILOT IN COMMAND
2. (C) ABORTED TAKEOFF - DELAYED - PILOT IN COMMAND
3. (C) LIFT-OFF - IMPROPER - PILOT IN COMMAND
4. (C) FLIGHT CONTROLS - IMPROPER USE OF - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH OBJECT

Phase of Operation: TAKEOFF - ROLL/RUN

Findings

5. (F) OBJECT - TREE(S)

Factual Information

Pilot Information

Certificate:	Private	Age:	23, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):		Restraint Used:	Seatbelt
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):		Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	06/29/1983
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	76 hours (Total, all aircraft), 76 hours (Total, this make and model), 48 hours (Pilot In Command, all aircraft), 2 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N4957G
Model/Series:	172 172	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	17273504
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	06/03/1983, Annual	Certified Max Gross Wt.:	2300 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	769 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed	Engine Model/Series:	O-320-H2AD
Registered Owner:	RAYMOND G. FRANKLIN	Rated Power:	260 hp
Operator:	CALIFORNIA AIRWAYS	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	HWD, 49 ft msl	Distance from Accident Site:	1 Nautical Miles
Observation Time:	1750 PST	Direction from Accident Site:	100°
Lowest Cloud Condition:	Unknown / 0 ft agl	Visibility	15 Miles
Lowest Ceiling:	Unknown / 1300 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	7 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	260°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	
Precipitation and Obscuration:			
Departure Point:	HAYWARD, CA (HWD)	Type of Flight Plan Filed:	None
Destination:	SANTA BARBARA, CA (SBA)	Type of Clearance:	None
Departure Time:	0000	Type of Airspace:	Class D

Airport Information

Airport:	HAWARD AIR TERM. (HWD)	Runway Surface Type:	Asphalt
Airport Elevation:	49 ft	Runway Surface Condition:	Dry
Runway Used:	28L	IFR Approach:	None
Runway Length/Width:	5156 ft / 150 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 Minor, 3 None	Aircraft Damage:	Destroyed
Passenger Injuries:	1 Minor, 3 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 Minor, 6 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	A. D LLORENTE	Report Date:	
Additional Participating Persons:			
Publish Date:			
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/ .		

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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).