



# Aviation Investigation Final Report

<b>Location:</b>	LITTLE RIVER, California	<b>Accident Number:</b>	LAX82DA257
<b>Date &amp; Time:</b>	July 13, 1982, 16:45 Local	<b>Registration:</b>	N6628E
<b>Aircraft:</b>	BEECH C23	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Instructional		

## Analysis

WHILE ON A SOLO CROSS-COUNTRY, THE STUDENT ATTEMPTED TO LAND IN A 16 KT, 70 DEG CROSSWIND AT UKIAH, CA. THE PLANE BOUNCED 3 TIMES AND DRIFTED OFF THE RUNWAY INTO THE DIRT KNOCKING OUT A RUNWAY EDGE LIGHT. THE STUDENT MADE A GO-AROUND AND PROCEEDED TO LITTLE RIVER, CA. DURING A LANDING AT LITTLE RIVER, THE NOSE GEAR COLLAPSED. A METALLURGICAL EXAMINATION SHOWED THAT THE NOSE WHEEL MOUNT ASSEMBLY, PN 169-820000-661, FAILED FROM DUCTILE OVERLOAD.

## Probable Cause and Findings

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

### Findings

Occurrence #1: HARD LANDING  
Phase of Operation: LANDING - FLARE/TOUCHDOWN

#### Findings

1. (F) WEATHER CONDITION - CROSSWIND
  2. (C) FLARE - IMPROPER - PILOT IN COMMAND
  3. (C) RECOVERY FROM BOUNCED LANDING - IMPROPER - PILOT IN COMMAND
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Occurrence #2: LOSS OF CONTROL - ON GROUND/WATER

Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

- 4. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
- 5. (C) GROUND LOOP/SWERVE - NOT CORRECTED - PILOT IN COMMAND

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Occurrence #3: ON GROUND/WATER COLLISION WITH OBJECT

Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

- 6. (F) OBJECT - APPROACH LIGHT/NAVAID

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Occurrence #4: NOSE GEAR COLLAPSED

Phase of Operation: LANDING - ROLL

Findings

- 7. LANDING GEAR, NOSE GEAR ASSEMBLY - OVERLOAD

## Factual Information

### Pilot Information

<b>Certificate:</b>	Student	<b>Age:</b>	53, Male
<b>Airplane Rating(s):</b>		<b>Seat Occupied:</b>	Unknown
<b>Other Aircraft Rating(s):</b>		<b>Restraint Used:</b>	
<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>	March 21, 1982
<b>Occupational Pilot:</b>	UNK	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	28 hours (Total, all aircraft), 15 hours (Total, this make and model), 11 hours (Pilot In Command, all aircraft), 19 hours (Last 90 days, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	BEECH	<b>Registration:</b>	N6628E
<b>Model/Series:</b>	C23 C23	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>		<b>Serial Number:</b>	M2181
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	Unknown	<b>Certified Max Gross Wt.:</b>	2450 lbs
<b>Time Since Last Inspection:</b>	0 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	737 Hrs	<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Installed	<b>Engine Model/Series:</b>	O-360-A4K
<b>Registered Owner:</b>	UKIAH FLYING SERVICE	<b>Rated Power:</b>	180 Horsepower
<b>Operator:</b>	UKIAH FLYING SERVICE	<b>Operating Certificate(s) Held:</b>	
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>		<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>		<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	20 miles
<b>Lowest Ceiling:</b>	Unknown	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	6 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	340°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	29 inches Hg	<b>Temperature/Dew Point:</b>	68°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	LITTLE RIVER , CA (048 )	<b>Type of Flight Plan Filed:</b>	VFR
<b>Destination:</b>	LITTLE RIVER , CA (048 )	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	00:00 Local	<b>Type of Airspace:</b>	

## Airport Information

<b>Airport:</b>	LITTLE RIVER AIRPORT 048	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	0 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	29	<b>IFR Approach:</b>	
<b>Runway Length/Width:</b>	5250 ft / 150 ft	<b>VFR Approach/Landing:</b>	Straight-in

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>		<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>	39.260311,-123.76091(est)

## Administrative Information

**Investigator In Charge (IIC):**

**Additional Participating Persons:**

**Original Publish Date:** July 13, 1983

**Last Revision Date:**

**Investigation Class:** [Class](#)

**Note:**

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=71444>

The National Transportation Safety Board (NTSB) is an independent federal agency charged by Congress with investigating every civil aviation accident in the United States and significant events in other modes of transportation—railroad, transit, highway, marine, pipeline, and commercial space. We determine the probable causes of the accidents and events we investigate, and issue safety recommendations aimed at preventing future occurrences. In addition, we conduct transportation safety research studies and offer information and other assistance to family members and survivors for each accident or event we investigate. We also serve as the appellate authority for enforcement actions involving aviation and mariner certificates issued by the Federal Aviation Administration (FAA) and US Coast Guard, and we adjudicate appeals of civil penalty actions taken by the FAA.

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