



# Aviation Investigation Final Report

<b>Location:</b>	COALINGA, California	<b>Accident Number:</b>	LAX85FVA05
<b>Date &amp; Time:</b>	September 16, 1985, 13:00 Local	<b>Registration:</b>	N3493A
<b>Aircraft:</b>	Beech E-33	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	4 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

THE ACFT DRAGGED THE TAIL AND CRASHED IN A PLOWED FIELD ABOUT 1/4 MILE EAST OF THE TAKEOFF RWY. THE PLT SAID THE ACFT BECAME 'SQUIRRELY' ON THE RWY AND WENT LEFT OFF THE RWY DESPITE HER APPLICATION OF RT RUDDER TRACKS SHOWED THAT THE ACFT LEFT RWY AFTER 250 FT OF ROLL AND BRAKING HAD OCCURRED FOR 600 FT, FIRST ON THE LEFT BRAKE, THEN BOTH BRAKES & FINALLY THE RT BRAKE ONLY. THE ACFT BECAME AIRBORNE AFTER ABOUT 950 FT & FLEW ABOUT 400 FT BEFORE THE TAIL HIT THE GROUND AND THE ACFT CRASHED, DAMAGING THE RT WING, RT STABILIZER, LNDING GEAR & NOSE.

## 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) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
2. (C) GROUND LOOP/SWERVE - NOT CORRECTED - PILOT IN COMMAND
3. (C) BRAKES(NORMAL) - IMPROPER USE OF - PILOT IN COMMAND
4. (C) RUDDER - IMPROPER USE OF - PILOT IN COMMAND

5. (C) ABORTED TAKEOFF - NOT PERFORMED - PILOT IN COMMAND
6. TERRAIN CONDITION - OPEN FIELD

## Factual Information

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	45,Female
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	Left
<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>	January 27, 1984
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	241 hours (Total, all aircraft), 77 hours (Total, this make and model), 164 hours (Pilot In Command, all aircraft), 56 hours (Last 90 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Beech	<b>Registration:</b>	N3493A
<b>Model/Series:</b>	E-33 E-33	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	CD1234
<b>Landing Gear Type:</b>	Retractable - Tricycle	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	July 28, 1985 Annual	<b>Certified Max Gross Wt.:</b>	3050 lbs
<b>Time Since Last Inspection:</b>	55 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	2129 Hrs	<b>Engine Manufacturer:</b>	CONTINENTAL
<b>ELT:</b>	Installed, activated, did not aid in locating accident	<b>Engine Model/Series:</b>	IO 470K
<b>Registered Owner:</b>	BILL & BONNIE WHITMAN	<b>Rated Power:</b>	260 Horsepower
<b>Operator:</b>		<b>Operating Certificate(s) Held:</b>	None
<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>	15 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	/	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	0°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>		<b>Temperature/Dew Point:</b>	27°C / -18°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	RENO , NV (RNO )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	SANTA ANA , CA (SNA )	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	00:00 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	HARRIS RANCH 308	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	465 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	14	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	2820 ft / 30 ft	<b>VFR Approach/Landing:</b>	None

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	3 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	4 None	<b>Latitude, Longitude:</b>	36.189155,-120.390098(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Gibbons, Clifford
<b>Additional Participating Persons:</b>	NORMAN J WILKINS; FRESNO , CA
<b>Original Publish Date:</b>	
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class</a>
<b>Note:</b>	
<b>Investigation Docket:</b>	<a href="https://data.nts.gov/Docket?ProjectID=24548">https://data.nts.gov/Docket?ProjectID=24548</a>

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