



Aviation Investigation Final Report

Location:	MESQUITE, Nevada	Accident Number:	LAX96LA138
Date & Time:	March 22, 1996, 13:00 Local	Registration:	N7118N
Aircraft:	Beech E33A	Aircraft Damage:	Substantial
Defining Event:		Injuries:	3 Minor
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that he was departing on runway 19. Both the pilot and ground witnesses stated that the winds were from 250 degrees at 25 knots with sustained gusts to 35. As the aircraft neared liftoff airspeed, it began to drift to the left. The pilot said he pulled the aircraft off the ground at that point and the left drift increased. The aircraft drifted completely off the runway and the landing gear contacted an airport boundary fence. The aircraft then cartwheeled into an adjoining field. The crosswind components for the reported steady state and gust values were computed at 23 and 31 knots, respectively. According to the Beech Pilot Operating Handbook for the airplane, the maximum demonstrated crosswind component for the aircraft in takeoffs or landings is 17 knots.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the pilot's poor judgment in attempting to take off in the existing wind conditions.

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

1. (C) WEATHER CONDITION - CROSSWIND
2. (C) WEATHER CONDITION - GUSTS

- 3. (C) WEATHER CONDITION - HIGH WIND
- 4. (C) JUDGMENT - POOR - PILOT IN COMMAND
- 5. AIRCRAFT PERFORMANCE, CROSSWIND CAPABILITY - EXCEEDED

Occurrence #2: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: TAKEOFF

Findings

- 6. OBJECT - FENCE

Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Factual Information

On March 22, 1996, at 1246 hours Pacific standard time, a Beech E33A, N7118N, collided with a fence and the ground during takeoff at the Mesquite, Nevada, airport. The aircraft was owned and operated by the pilot, who was beginning a personal cross-country flight to Denver, Colorado. Visual meteorological conditions prevailed at the time and no flight plan was filed. The aircraft sustained substantial damage. The private pilot and the two passengers onboard sustained minor injuries.

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Pilot Information

Certificate:	Private	Age:	50, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	May 16, 1994
Occupational Pilot:	UNK	Last Flight Review or Equivalent:	
Flight Time:	307 hours (Total, all aircraft), 148 hours (Total, this make and model), 307 hours (Pilot In Command, all aircraft), 18 hours (Last 90 days, all aircraft), 3 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Beech	Registration:	N7118N
Model/Series:	E33A E33A	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	CE-194
Landing Gear Type:	Retractable - Tricycle	Seats:	4
Date/Type of Last Inspection:	November 17, 1995 Annual	Certified Max Gross Wt.:	3300 lbs
Time Since Last Inspection:	31 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	3365 Hrs	Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	IO-520-B
Registered Owner:	RICHARD D. ANSAY	Rated Power:	285 Horsepower
Operator:		Operating Certificate(s) Held:	None
Operator Does Business As:		Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:		Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	25 knots / 35 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	250°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	24°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	(67L)	Type of Flight Plan Filed:	None
Destination:	DENVER , CO (BJC)	Type of Clearance:	None
Departure Time:	12:46 Local	Type of Airspace:	Class E

Airport Information

Airport:	MESQUITE 67L	Runway Surface Type:	Asphalt
Airport Elevation:	1975 ft msl	Runway Surface Condition:	
Runway Used:	19	IFR Approach:	None
Runway Length/Width:	4569 ft / 75 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	Rich, Jeff
Additional Participating Persons:	FRANK MOORE; LAS VEGAS , NV
Original Publish Date:	August 20, 1996
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=29393

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