



National Transportation Safety Board Aviation Accident Final Report

Location:	RUIDOSO, NM	Accident Number:	DEN88LA104
Date & Time:	05/01/1988, 1338 MDT	Registration:	N618T
Aircraft:	BEECH H35	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None

Flight Conducted Under: Part 91: General Aviation - Personal

Analysis

THE PRIVATE PLT WAS RETURNING HOME FROM A PERSONAL TRANSPORTATION FLIGHT. THE CONTROL TOWER REPORTED HIGH WINDS AND STRONG GUSTS. DURING LANDING ROLL, A GUST LIFTED THE LEFT WING TO NEAR VERTICAL, THEN LET IT FALL. THE NOSE GEAR AND THE RIGHT MAIN GEAR COLLAPSED AND THE AIRCRAFT NOSED DOWN. A WITNESS IN THE CONTROL TOWER REPORTED THAT THE GUST EXCEEDED 60 KNOTS. PREVIOUSLY THE TOWER REPORTED THE WIND WAS FROM 210 DEGREES AT 25 KNOTS.

Probable Cause and Findings

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

Findings

Occurrence #1: ON GROUND/WATER ENCOUNTER WITH WEATHER
Phase of Operation: LANDING - ROLL

Findings

1. (C) WEATHER CONDITION - GUSTS
 2. (C) COMPENSATION FOR WIND CONDITIONS - NOT POSSIBLE
 3. (F) WEATHER CONDITION - HIGH WIND
 4. (F) AIRCRAFT PERFORMANCE - EXCEEDED
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Occurrence #2: NOSE DOWN
Phase of Operation: LANDING - ROLL

Findings

5. LANDING GEAR - OVERLOAD
6. LANDING GEAR - COLLAPSED

Factual Information

Pilot Information

Certificate:	Private	Age:	67, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	11/23/1987
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	705 hours (Total, all aircraft), 242 hours (Total, this make and model), 622 hours (Pilot In Command, all aircraft), 17 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	BEECH	Registration:	N618T
Model/Series:	H35 H35	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	D-5242
Landing Gear Type:	Retractable - Tricycle	Seats:	4
Date/Type of Last Inspection:	11/13/1987, Annual	Certified Max Gross Wt.:	2900 lbs
Time Since Last Inspection:	41 Hours	Engines:	1 Reciprocating
Airframe Total Time:	3880 Hours	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, not activated	Engine Model/Series:	O-470-G10
Registered Owner:	HICKS, TRAVIS B.	Rated Power:	240 hp
Operator:	HICKS, TRAVIS B.	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	SRR, 6811 ft msl	Distance from Accident Site:	1 Nautical Miles
Observation Time:	1338 MDT	Direction from Accident Site:	60°
Lowest Cloud Condition:	Scattered / 2000 ft agl	Visibility	20 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	25 knots / 50 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	210°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	19° C / -6° C
Precipitation and Obscuration:			
Departure Point:	ALBUQUERQUE, NM (ABQ)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1201 MDT	Type of Airspace:	Class D

Airport Information

Airport:	SIERRA BLANCA REGIONAL (SRR)	Runway Surface Type:	Asphalt
Airport Elevation:	6811 ft	Runway Surface Condition:	Dry
Runway Used:	24	IFR Approach:	None
Runway Length/Width:	8100 ft / 100 ft	VFR Approach/Landing:	Traffic Pattern

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	ROBERT B COLLINS	Report Date:	06/07/1989
Additional Participating Persons:	FLOYD A DOCKUM; ALBUQUERQUE, NM		
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](#).