



National Transportation Safety Board Aviation Accident Final Report

Location:	Moriarty, NM	Accident Number:	DEN07CA065
Date & Time:	03/03/2007, 1723 MST	Registration:	N93BD
Aircraft:	Ogden Aubrey D BD-4	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

According to the pilot, he inadvertently bounced the airplane two times while performing a landing on runway 26. He elected to abort the landing and perform a go-around. The pilot stated that after the second bounce he lost his crosswind correction and the airplane departed the runway to the north. One of the main landing gear contacted the ground and dug in. The airplane rotated around 120 to 180 degrees and came to rest on its belly, resulting in substantial damage. An examination of the airplane's systems revealed no anomalies.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to maintain aircraft control during the landing.

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. (C) AIRCRAFT CONTROL - NOT MAINTAINED - PILOT IN COMMAND

Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

2. TERRAIN CONDITION - RUNWAY

Factual Information

Pilot Information

Certificate:	Commercial	Age:	61, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Without Waivers/Limitations	Last FAA Medical Exam:	02/01/2007
Occupational Pilot:		Last Flight Review or Equivalent:	11/01/2006
Flight Time:	462 hours (Total, all aircraft), 7 hours (Total, this make and model), 285 hours (Pilot In Command, all aircraft), 3 hours (Last 90 days, all aircraft), 2 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Ogden Aubrey D	Registration:	N93BD
Model/Series:	BD-4	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	Yes
Airworthiness Certificate:	Experimental	Serial Number:	BD-4-607
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	09/01/2005, Condition	Certified Max Gross Wt.:	2200 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	1150 Hours at time of accident	Engine Manufacturer:	Mazda
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	13B
Registered Owner:	On file	Rated Power:	193 hp
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	kabq, 6199 ft msl	Distance from Accident Site:	30 Nautical Miles
Observation Time:	1723 MST	Direction from Accident Site:	270°
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	Variable	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.29 inches Hg	Temperature/Dew Point:	4° C / -22° C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Moriarty, NM (OE0)	Type of Flight Plan Filed:	None
Destination:	MORIARTY, NM (OE0)	Type of Clearance:	None
Departure Time:	1600 UTC	Type of Airspace:	

Airport Information

Airport:	Moriarty Airport (OE0)	Runway Surface Type:	Asphalt
Airport Elevation:	6199 ft	Runway Surface Condition:	Dry
Runway Used:	26	IFR Approach:	None
Runway Length/Width:	7700 ft / 75 ft	VFR Approach/Landing:	Full Stop; Traffic Pattern

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Minor	Latitude, Longitude:	34.984722, -106.005556

Administrative Information

Investigator In Charge (IIC):	Jennifer S Kaiser	Report Date:	05/29/2007
Additional Participating Persons:	Eric Deschner; FAA - ABQ FSDO; Albuquerque, NM		
Publish Date:			
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
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/ .		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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](#).