



Aviation Investigation Final Report

Location:	Sedona, Arizona	Accident Number:	WPR14CA259
Date & Time:	June 21, 2014, 09:30 Local	Registration:	N3611Q
Aircraft:	Beech A23 24	Aircraft Damage:	Substantial
Defining Event:	Hard landing	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that the airplane landed hard and bounced. Following the bounce he applied full power to abort the landing, but the airplane was slow to accelerate, and drifted off the runway to the left. The airplane impacted a grassy area between the runway and the taxiway. The airplane sustained substantial damage to the wings and fuselage. The density altitude at the time of the accident was reported as 7,500 feet. The pilot reported no preimpact mechanical malfunctions or failures with the airplane that would have precluded normal operation.

Probable Cause and Findings

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

The pilot's inadequate flare and failure to maintain directional control during the aborted landing.

Findings

Aircraft	Landing flare - Not attained/maintained
Personnel issues	Aircraft control - Pilot
Aircraft	Directional control - Not attained/maintained
Environmental issues	High density altitude - Contributed to outcome

Factual Information

History of Flight

Landing-flare/touchdown	Hard landing (Defining event)
Landing-aborted after touchdown	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Commercial	Age:	49
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	Helicopter	Restraint Used:	3-point
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:	November 20, 2012
Occupational Pilot:	No	Last Flight Review or Equivalent:	January 22, 2013
Flight Time:	1329 hours (Total, all aircraft), 163 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	Beech	Registration:	N3611Q
Model/Series:	A23 24 NO SERIES	Aircraft Category:	Airplane
Year of Manufacture:	1967	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	MA-258
Landing Gear Type:	Tricycle	Seats:	
Date/Type of Last Inspection:	February 27, 2014 Annual	Certified Max Gross Wt.:	2400 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	4139 Hrs	Engine Manufacturer:	LYCOMING
ELT:	C91A installed, activated	Engine Model/Series:	IO360 SER
Registered Owner:	On file	Rated Power:	200 Horsepower
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	DVT,4830 ft msl	Distance from Accident Site:	
Observation Time:	08:55 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.12 inches Hg	Temperature/Dew Point:	29°C / 0°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	PHOENIX, AZ (DVT)	Type of Flight Plan Filed:	None
Destination:	Sedona, AZ (SEZ)	Type of Clearance:	None
Departure Time:	08:20 Local	Type of Airspace:	

Airport Information

Airport:	SEDONA SEZ	Runway Surface Type:	Asphalt
Airport Elevation:	4830 ft msl	Runway Surface Condition:	Dry
Runway Used:	03	IFR Approach:	None
Runway Length/Width:	5132 ft / 100 ft	VFR Approach/Landing:	Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	34.840557,-111.786392

Administrative Information

Investigator In Charge (IIC):	Lewis, Lawrence
Additional Participating Persons:	Jack T Ogle; FAA FSDO; Scottsdale, AZ
Original Publish Date:	September 24, 2014
Last Revision Date:	
Investigation Class:	Class
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=89502

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