



National Transportation Safety Board Aviation Accident Data Summary

Location:	Las Cruces, NM	Accident Number:	CEN14LA471
Date & Time:	09/01/2014, 0830 MDT	Registration:	N613LE
Aircraft:	BORING ROBERT BURTON RV6A	Injuries:	1 Serious, 1 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot reported that he and another pilot had conducted a series of touch-and-go landings. He added that, after takeoff for the accident touch-and-go landing and during the base-to-final turn in the airport traffic pattern, the airplane's bank angle was too steep, its nose attitude was too high, and its airspeed was low. The airplane then entered a stall/spin. The pilot was able to recover to a wings-level, nose-low attitude before the airplane impacted the ground short of the runway. The pilot reported no mechanical malfunctions or failures with the airplane that would have precluded normal operation.

Flight Events

Approach-VFR pattern final - Loss of control in flight

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to maintain adequate airspeed, which led to the airplane exceeding its critical angle-of-attack and experiencing a stall/spin.

Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Angle of attack-Capability exceeded - C

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Airspeed-Not attained/maintained - C

Personnel issues-Task performance-Use of equip/info-Aircraft control-Pilot - C

Pilot Information

Certificate:	Private	Age:	42
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	773 hours (Total, all aircraft), 10 hours (Total, this make and model), 743 hours (Pilot In Command, all aircraft), 35 hours (Last 90 days, all aircraft), 16 hours (Last 30 days, all aircraft), 0 hours (Last 24 hours, all aircraft)		

Co-Pilot Information

Certificate:	Private	Age:	31
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	3 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	BORING ROBERT BURTON	Registration:	N613LE
Model/Series:	RV6A A	Engines:	1 Reciprocating
Operator:	On file	Engine Manufacturer:	LYCOMING
Air Carrier Operating Certificate:	None	Engine Model/Series:	O-320 E2D
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	LRU	Weather Information Source:	Pilot
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	None
Condition of Light:	Day	Wind Speed/Gusts, Direction:	Calm
Temperature:		Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Las Cruces, NM (LRU)	Destination:	Las Cruces, NM (LRU)

Airport Information

Airport:	LAS CRUCES INTL (LRU)	Runway Surface Type:	Asphalt
Runway Used:	08	Runway Surface Condition:	Dry
Runway Length/Width:	6069 ft / 100 ft		

Wreckage and Impact Information

Crew Injuries:	1 Serious, 1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None

Administrative Information

Investigator In Charge (IIC):	John M Brannen	Adopted Date:	10/19/2015
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=90002		

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